Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
Data File : BM047787.D
Acq On : 02 Oct 2024 21:53
Operator : RC/JU
Sample : P4020-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCG0MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 23:23:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	262091	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1116517	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	706485	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	1477487	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1436523	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1558292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	24740	3.050	ng/uL	0.00
4) Pyridine-d5	3.669	84	325660	13.714	ng/ul	0.00
7) Phenol-d5	6.969	99	510262	20.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	302622	17.208	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	396808	22.007	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	405881	22.027	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	194249	21.851	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	206405	24.229	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	416905	24.498	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	557289	21.182	ng/ul	-0.01
46) Dimethylphthalate-d6	13.851	166	1226538	23.946	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1402028	23.086	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	237575	23.296	ng/ul	0.00
60) Fluorene-d10	15.433	176	1048974	23.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	182309	21.086	ng/ul	0.00
73) Anthracene-d10	17.274	188	1659099	22.837	ng/ul	-0.01
81) Pyrene-d10	19.562	212	1981960	24.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1996946	24.699	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	77697	8.771	ng/uL	89
5) Pyridine	3.687	79	563990	22.560	ng/ul	90
6) Benzaldehyde	6.945	77	335933	24.925	ng/ul	92
8) Phenol	6.998	94	698358	26.483	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.228	93	534979	25.460	ng/ul	91
12) 2-Chlorophenol	7.369	128	556615	29.139	ng/ul	94
13) 2-Methylphenol	8.245	108	513039	27.901	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	813464	20.565	ng/ul#	94
16) Acetophenone	8.628	105	850108	26.963	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.616	70	432921	25.924	ng/ul#	91
18) 4-Methylphenol	8.575	108	569070	27.540	ng/ul	98
19) Hexachloroethane	8.887	117	227956	26.549	ng/ul	91
22) Nitrobenzene	9.004	77	628390	24.884	ng/ul	92
23) Isophorone	9.534	82	1201540	26.598	ng/ul	95
25) 2-Nitrophenol	9.710	139	303712	31.163	ng/ul	89
26) 2,4-Dimethylphenol	9.775	107	563994	27.008	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.010	93	722848	26.162	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	539554	30.704	ng/ul	98
30) Naphthalene	10.651	128	1782480	27.755	ng/ul	100
32) 4-Chloroaniline	10.757	127	597850	23.077	ng/ul	100
33) Hexachlorobutadiene	10.939	225	322558	27.781	ng/ul	98
34) Caprolactam	11.533	113	179603m	31.958	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	568593	31.258	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	1215002	29.775	ng/ul	98

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.480	142	1211911	29.191	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.633	216	628896	27.346	ng/ul	97
40)	Hexachlorocyclopentadiene	12.616	237	305745	21.980	ng/ul	99
41)	2,4,6-Trichlorophenol	12.869	196	413980	31.111	ng/ul	99
42)	2,4,5-Trichlorophenol	12.939	196	457909	31.470	ng/ul	98
43)	1,1'-Biphenyl	13.274	154	1579821	27.929	ng/ul	97
44)	2-Chloronaphthalene	13.316	162	1218737	27.858	ng/ul	96
45)	2-Nitroaniline	13.516	65	370459	26.675	ng/ul#	80
47)	Dimethylphthalate	13.898	163	1533897	29.570	ng/ul	99
48)	2,6-Dinitrotoluene	14.010	165	301231	33.066	ng/ul	89
50)	Acenaphthylene	14.163	152	1981328	28.929	ng/ul	99
51)	3-Nitroaniline	14.339	138	338134	30.667	ng/ul	89
52)	Acenaphthene	14.504	153	1341140	27.701	ng/ul	99
53)	2,4-Dinitrophenol	14.545	184	152455	27.083	ng/ul#	77
55)	4-Nitrophenol	14.651	109	236811	27.657	ng/ul	89
56)	Dibenzofuran	14.839	168	1854743	28.460	ng/ul	99
57)	2,4-Dinitrotoluene	14.798	165	454032	33.183	ng/ul#	83
58)	2,3,4,6-Tetrachlorophenol	15.063	232	379985	33.129	ng/ul#	99
59)	Diethylphthalate	15.263	149	1564072	30.135	ng/ul	98
61)	Fluorene	15.486	166	1523275	28.017	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.480	204	735594	28.632	ng/ul	97
63)	4-Nitroaniline	15.504	138	361549	33.763	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.563	198	264895	27.650	ng/ul#	85
67)	N-Nitrosodiphenylamine	15.692	169	1282168	27.849	ng/ul	100
68)	4-Bromophenyl-phenylether	16.374	248	445129	29.228	ng/ul	95
69)	Hexachlorobenzene	16.492	284	518623	29.262	ng/ul	94
70)	Atrazine	16.645	200	365293	23.835	ng/ul	99
71)	Pentachlorophenol	16.833	266	675990	59.982	ng/ul	99
72)	Phenanthrene	17.221	178	2422821	27.963	ng/ul	99
74)	Anthracene	17.310	178	2430070	27.498	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.239	216	613621	25.084	ng/uL	99
76)	Pentachlorobenzene	14.763	250	595781	24.951	ng/uL	97
77)	Carbazole	17.580	167	2274602	28.396	ng/ul	99
78)	Di-n-butylphthalate	18.145	149	2959847	33.190	ng/ul	98
80)	Fluoranthene	19.233	202	2866812	29.856	ng/ul	97
82)	Pyrene	19.592	202	3079188	28.812	ng/ul	96
83)	Butylbenzylphthalate	20.486	149	1372215	36.318	ng/ul	90
84)	3,3'-Dichlorobenzidine	21.309	252	764794	25.196	ng/ul	99
85)	Benzo(a)anthracene	21.386	228	2929867	29.129	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.309	149	2063180	36.371	ng/ul	98
87)	Chrysene	21.450	228	2799424	28.550	ng/ul	99
89)	Di-n-octyl phthalate	22.444	149	3523774	35.058	ng/ul	100
90)	Benzo(b)fluoranthene	23.462	252	2953251	30.390	ng/ul	98
91)	Benzo(k)fluoranthene	23.521	252	2879627	28.980	ng/ul	99
93)	Benzo(a)pyrene	24.268	252	2608726	28.266	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.803	276	3367236	28.470	ng/ul	98
95)	Dibenzo(a,h)anthracene	27.856	278	2764512	28.521	ng/ul	98
96)	Benzo(g,h,i)perylene	28.856	276	2627556	28.355	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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