Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043716.D
Acq On : 03 Jan 2024 04:54
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020179

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 05:25:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	174664	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	802794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	495570	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1061076	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	961224	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	1085718	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	39841	7.413	ng/uL	0.00
4) Pyridine-d5	3.793	84	281835	18.221	ng/ul	0.00
7) Phenol-d5	7.134	99	390123	19.634	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	230722	18.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	296039	19.514	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	304967	19.779	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	150263	19.346	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	164141	20.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	293875	20.743	ng/ul	0.01
31) 4-Chloroaniline-d4	10.916	131	410848	19.712	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	814329	18.254	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1000877	18.913	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	181684	21.517	ng/ul	0.03
60) Fluorene-d10	15.592	176	724035	19.627	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	116105	16.545	ng/ul	0.00
73) Anthracene-d10	17.445	188	1137569	19.116	ng/ul	0.00
81) Pyrene-d10	19.733	212	1245762	16.416	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1241958	18.537	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	43764	7.371	ng/uL	96
5) Pyridine	3.816	79	305017	19.069	ng/ul	98
6) Benzaldehyde	7.104	77	173806	18.448	ng/ul	98
8) Phenol	7.163	94	388325	19.865	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.393	93	295295	18.608	ng/ul	97
12) 2-Chlorophenol	7.522	128	300527	19.446	ng/ul	97
13) 2-Methylphenol	8.416	108	293642	19.783	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	481429	18.065	ng/ul	100
16) Acetophenone	8.792	105	445699	18.881	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	246547	17.499	ng/ul	100
18) 4-Methylphenol	8.745	108	316005	19.644	ng/ul	100
19) Hexachloroethane	9.028	117	103337	15.858	ng/ul	91
22) Nitrobenzene	9.175	77	359118	18.682	ng/ul	100
23) Isophorone	9.704	82	670281	17.190	ng/ul	99
25) 2-Nitrophenol	9.887	139	170954	20.043	ng/ul	97
26) 2,4-Dimethylphenol	9.951	107	301257	19.827	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.187	93	407122	17.683	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	281002	20.438	ng/ul	98
30) Naphthalene	10.816	128	977605	19.107	ng/ul	100
32) 4-Chloroaniline	10.939	127	400482	19.982	ng/ul	100
33) Hexachlorobutadiene	11.086	225	143428	20.461	ng/ul	99
34) Caprolactam	11.739	113	94550	21.520	ng/ul	97
35) 4-Chloro-3-methylphenol	12.069	107	320882	19.870	ng/ul	98
36) 2-Methylnaphthalene	12.428	142	664085	19.068	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.645	142	669323	19.054	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.786	216	288563	19.111	ng/ul	97
40)	Hexachlorocyclopentadiene	12.757	237	196966	20.790	ng/ul	98
41)	2,4,6-Trichlorophenol	13.039	196	215422	20.071	ng/ul	98
42)	2,4,5-Trichlorophenol	13.116	196	231257	20.292	ng/ul	97
43)	1,1'-Biphenyl	13.433	154	859216	18.188	ng/ul	99
44)	2-Chloronaphthalene	13.475	162	677323	18.701	ng/ul	99
45)	2-Nitroaniline	13.692	65	227357	18.720	ng/ul	97
47)	Dimethylphthalate	14.063	163	811388	18.417	ng/ul	99
48)	2,6-Dinitrotoluene	14.192	165	170069	19.967	ng/ul	96
50)	Acenaphthylene	14.322	152	1145218	18.845	ng/ul	99
51)	3-Nitroaniline	14.522	138	197156	20.163	ng/ul	99
52)	Acenaphthene	14.663	153	748228	18.681	ng/ul	99
53)	2,4-Dinitrophenol	14.727	184	100504	22.165	ng/ul	96
55)	4-Nitrophenol	14.839	109	137163	20.921	ng/ul	95
56)	Dibenzofuran	14.998	168	995756	19.250	ng/ul	97
57)	2,4-Dinitrotoluene	14.974	165	248311	20.634	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.227	232	186571	21.368	ng/ul	92
59)	Diethylphthalate	15.421	149	849192	18.809	ng/ul	100
61)	Fluorene	15.645	166	862983	19.528	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.639	204	372078	19.141	ng/ul	98
63)	4-Nitroaniline	15.680	138	219467m	24.521	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.733	198	123868	16.533	ng/ul	93
67)	N-Nitrosodiphenylamine	15.857	169	706312	17.330	ng/ul	99
68)	4-Bromophenyl-phenylether	16.539	248	223576	17.785	ng/ul	96
69)	Hexachlorobenzene	16.639	284	271819	18.874	ng/ul	95
70)	Atrazine	16.815	200	188967	21.153	ng/ul	98
71)	Pentachlorophenol	16.992	266	201405	23.132	ng/ul	98
72)	Phenanthrene	17.386	178	1338185	18.608	ng/ul	100
74)	Anthracene	17.480	178	1362631	18.774	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.392	216	292717	16.798	ng/uL	100
76)	Pentachlorobenzene	14.910	250	292814	17.257	ng/uL	98
77)	Carbazole	17.757	167	1317689	21.272	ng/ul	99
78)	Di-n-butylphthalate	18.321	149	1582598	19.543	ng/ul	99
80)	Fluoranthene	19.404	202	1507764	16.044	ng/ul	95
82)	Pyrene	19.762	202	1579439	16.348	ng/ul	98
83)	Butylbenzylphthalate	20.668	149	763357	18.275	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.450	252	465252	19.653	ng/ul	99
85)	Benzo(a)anthracene	21.509	228	1529603	19.030	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.445	149	1146451	19.279	ng/ul	99
87)	Chrysene	21.568	228	1381086	19.100	ng/ul	99
89)	Di-n-octyl phthalate	22.386	149	1994057	19.199	ng/ul	100
90)	Benzo(b)fluoranthene	23.209	252	1508425	18.130	ng/ul	99
91)	Benzo(k)fluoranthene	23.256	252	1447077	17.833	ng/ul	99
93)	Benzo(a)pyrene	23.839	252	1412403	18.606	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.462	276	1775933	19.594	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.480	278	1469393	19.578	ng/ul	99
96)	Benzo(g,h,i)perylene	27.232	276	1391639	19.587	ng/ul	97

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

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