Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047930.D
Acq On : 09 Oct 2024 02:19
Operator : RC/JU
Sample : PB163712BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS712

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 02:54:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	260983	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1065675	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.427	164	650982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1274790	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1128237	20.000	ng/ul	0.00
88) Perylene-d12	24.392	264	1232770	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	36329	4.498	ng/uL	0.00
4) Pyridine-d5	3.663	84	524371	22.176	ng/ul	0.00
7) Phenol-d5	6.963	99	769173	31.168	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	460516	26.297	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	639718	35.629	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	605736	33.013	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	304882	35.932	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	329357	40.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	610011	37.555	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	822780	32.765	ng/ul	-0.01
46) Dimethylphthalate-d6	13.839	166	1633488	34.610	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1939941	34.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	319717	34.024	ng/ul	0.00
60) Fluorene-d10	15.422	176	1408423	34.452	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	247260	33.145	ng/ul	0.00
73) Anthracene-d10	17.268	188	2124542	33.893	ng/ul	0.00
81) Pyrene-d10	19.557	212	2414842	37.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	2377381	37.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	72768	8.249	ng/uL	88
5) Pyridine	3.681	79	518444	20.826	ng/ul	92
6) Benzaldehyde	6.934	77	316132	23.555	ng/ul	93
8) Phenol	6.993	94	646606	24.624	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.216	93	502404	24.012	ng/ul	92
12) 2-Chlorophenol	7.363	128	534807	28.116	ng/ul	92
13) 2-Methylphenol	8.240	108	483136	26.387	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	748973	19.015	ng/ul#	95
16) Acetophenone	8.616	105	778041	24.782	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.604	70	389671	23.433	ng/ul#	88
18) 4-Methylphenol	8.563	108	530335	25.774	ng/ul	99
19) Hexachloroethane	8.875	117	219096	25.626	ng/ul	89
22) Nitrobenzene	8.987	77	571377	23.705	ng/ul	92
23) Isophorone	9.522	82	1087803	25.229	ng/ul	95
25) 2-Nitrophenol	9.698	139	293979	31.603	ng/ul#	88
26) 2,4-Dimethylphenol	9.763	107	480325	24.098	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.998	93	660074	25.030	ng/ul	98
29) 2,4-Dichlorophenol	10.234	162	498308	29.710	ng/ul	97
30) Naphthalene	10.639	128	1641299	26.776	ng/ul	99
32) 4-Chloroaniline	10.745	127	540008	21.839	ng/ul	98
33) Hexachlorobutadiene	10.928	225	312135	28.166	ng/ul	97
34) Caprolactam	11.516	113	156705m	29.214	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	503128	28.979	ng/ul	93
36) 2-Methylnaphthalene	12.251	142	1094460	28.100	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.469	142	1090826	27.528	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.622	216	581935	27.461	ng/ul#	96
40)	Hexachlorocyclopentadiene	12.604	237	245767	19.175	ng/ul	98
41)	2,4,6-Trichlorophenol	12.863	196	374460	30.541	ng/ul	99
42)	2,4,5-Trichlorophenol	12.933	196	402885	30.049	ng/ul	98
43)	1,1'-Biphenyl	13.263	154	1404941	26.955	ng/ul#	97
44)	2-Chloronaphthalene	13.304	162	1097852	27.235	ng/ul	96
45)	2-Nitroaniline	13.504	65	312477	24.419	ng/ul#	80
47)	Dimethylphthalate	13.886	163	1331221	27.851	ng/ul	99
48)	2,6-Dinitrotoluene	14.004	165	263517	31.392	ng/ul#	80
50)	Acenaphthylene	14.151	152	1749068	27.715	ng/ul	98
51)	3-Nitroaniline	14.333	138	296042	29.139	ng/ul	85
52)	Acenaphthene	14.492	153	1180216	26.456	ng/ul	98
53)	2,4-Dinitrophenol	14.539	184	131407	25.334	ng/ul#	75
55)	4-Nitrophenol	14.645	109	194949	24.709	ng/ul	85
56)	Dibenzofuran	14.827	168	1637182	27.264	ng/ul	96
57)	2,4-Dinitrotoluene	14.792	165	383888	30.449	ng/ul#	80
58)	2,3,4,6-Tetrachlorophenol	15.057	232	323569	30.616	ng/ul#	95
59)	Diethylphthalate	15.251	149	1330837	27.828	ng/ul	98
61)	Fluorene	15.474	166	1309860	26.146	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.469	204	645551	27.269	ng/ul	97
63)	4-Nitroaniline	15.492	138	317487	32.177	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.551	198	218255	26.404	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.680	169	1089808	27.434	ng/ul	99
68)	4-Bromophenyl-phenylether	16.363	248	388885	29.595	ng/ul	96
69)	Hexachlorobenzene	16.480	284	451636	29.535	ng/ul	94
70)	Atrazine	16.633	200	285275	21.573	ng/ul	98
71)	Pentachlorophenol	16.821	266	275655	28.349	ng/ul	97
72)	Phenanthrene	17.210	178	2006244	26.837	ng/ul	99
74)	Anthracene	17.298	178	2029040	26.611	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.228	216	558335	26.453	ng/uL	98
76)	Pentachlorobenzene	14.751	250	536438	26.038	ng/uL	98
77)	Carbazole	17.568	167	1891728	27.372	ng/ul	98
78)	Di-n-butylphthalate	18.133	149	2272682	29.537	ng/ul	98
80)	Fluoranthene	19.221	202	2277513	30.200	ng/ul	98
82)	Pyrene	19.586	202	2432414	28.979	ng/ul	95
83)	Butylbenzylphthalate	20.474	149	1012275	34.113	ng/ul	88
84)	3,3'-Dichlorobenzidine	21.298	252	708271	29.709	ng/ul	100
85)	Benzo(a)anthracene	21.374	228	2270563	28.743	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.298	149	1471359	33.025	ng/ul	97
87)	Chrysene	21.439	228	2136402	27.741	ng/ul	99
89)	Di-n-octyl phthalate	22.427	149	2523902	31.741	ng/ul	100
90)	Benzo(b)fluoranthene	23.445	252	2248960	29.253	ng/ul	98
91)	Benzo(k)fluoranthene	23.503	252	2198114	27.962	ng/ul	99
93)	Benzo(a)pyrene	24.250	252	2013788	27.581	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.768	276	2613213	27.929	ng/ul	98
95)	Dibenzo(a,h)anthracene	27.827	278	2139681	27.904	ng/ul	97
96)	Benzo(g,h,i)perylene	28.821	276	2039386	27.819	ng/ul	96

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

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