Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045258.D
Acq On : 15 Apr 2024 23:46
Operator : MA/JU
Sample : PB160235BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS235

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 00:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	41196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	170589	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	108456	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	219344	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	227905	20.000	ng/ul	0.00
88) Perylene-d12	23.409	264	296445	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7413	6.719	ng/uL	0.00
4) Pyridine-d5	3.575	84	85436	28.478	ng/ul	0.00
7) Phenol-d5	6.769	99	112654	32.257	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	73087	35.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	95050	34.739	ng/ul	0.00
15) 4-Methylphenol-d8	8.298	113	90713	33.184	ng/ul	0.00
21) Nitrobenzene-d5	8.745	128	46716	35.652	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	50139	36.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	94125	37.119	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	125038	30.971	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	281957	37.338	ng/ul	0.00
49) Acenaphthylene-d8	13.927	160	315105	35.321	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	49391	31.340	ng/ul	0.00
60) Fluorene-d10	15.239	176	234957	34.900	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	43106	33.145	ng/ul	0.00
73) Anthracene-d10	17.098	188	356913	36.171	ng/ul	0.00
81) Pyrene-d10	19.404	212	419131	37.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.268	264	530118	36.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	10528	9.138	ng/uL#	92
5) Pyridine	3.593	79	87071	27.391	ng/ul	96
6) Benzaldehyde	6.751	77	66922	41.336	ng/ul	98
8) Phenol	6.793	94	116999	32.351	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.034	93	91402	32.383	ng/ul	96
12) 2-Chlorophenol	7.151	128	94609	32.953	ng/ul	94
13) 2-Methylphenol	8.028	108	84592	31.689	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.104	45	111266m	33.051	ng/ul	
16) Acetophenone	8.416	105	139524	31.393	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.398	70	72214	34.413	ng/ul	90
18) 4-Methylphenol	8.357	108	93271	32.417	ng/ul	97
19) Hexachloroethane	8.634	117	43719	34.622	ng/ul	96
22) Nitrobenzene	8.787	77	110978	34.520	ng/ul	97
23) Isophorone	9.310	82	208400	35.282	ng/ul	99
25) 2-Nitrophenol	9.487	139	54058	35.215	ng/ul	93
26) 2,4-Dimethylphenol	9.551	107	88975	30.064	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.792	93	124503	35.556	ng/ul	100
29) 2,4-Dichlorophenol	10.010	162	90927	35.492	ng/ul	95
30) Naphthalene	10.404	128	299794	33.198	ng/ul	99
32) 4-Chloroaniline	10.539	127	113708	28.945	ng/ul	100
33) Hexachlorobutadiene	10.669	225	53200	33.398	ng/ul	92
34) Caprolactam	11.345	113	28153m	32.550	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	91690	36.002	ng/ul	96
36) 2-Methylnaphthalene	12.028	142	207661	35.219	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.251	142	211623	35.467	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.398	216	103687	34.958	ng/ul	99
40)	Hexachlorocyclopentadiene	12.363	237	54898	30.575	ng/ul	92
41)	2,4,6-Trichlorophenol	12.657	196	69920	36.137	ng/ul	96
42)	2,4,5-Trichlorophenol	12.728	196	74132	34.773	ng/ul	99
43)	1,1'-Biphenyl	13.063	154	267469	34.924	ng/ul	97
44)	2-Chloronaphthalene	13.098	162	208285	33.475	ng/ul	99
45)	2-Nitroaniline	13.333	65	63087	36.730	ng/ul	96
47)	Dimethylphthalate	13.710	163	272236	34.491	ng/ul	99
48)	2,6-Dinitrotoluene	13.839	165	52630	34.019	ng/ul	88
50)	Acenaphthylene	13.957	152	346352	33.241	ng/ul	100
51)	3-Nitroaniline	14.174	138	54474	32.280	ng/ul	91
52)	Acenaphthene	14.298	153	233160	33.536	ng/ul	98
53)	2,4-Dinitrophenol	14.392	184	27544	29.946	ng/ul	92
55)	4-Nitrophenol	14.486	109	46377	33.460	ng/ul	86
56)	Dibenzofuran	14.639	168	314765	33.085	ng/ul	99
57)	2,4-Dinitrotoluene	14.633	165	77336	33.396	ng/ul	86
58)	2,3,4,6-Tetrachlorophenol	14.869	232	64435	35.315	ng/ul	99
59)	Diethylphthalate	15.086	149	289299	35.927	ng/ul	98
61)	Fluorene	15.292	166	257137	32.067	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.298	204	119583	31.817	ng/ul	96
63)	4-Nitroaniline	15.351	138	52209	34.029	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.398	198	45500	32.668	ng/ul	99
67)	N-Nitrosodiphenylamine	15.516	169	218239	36.883	ng/ul	98
68)	4-Bromophenyl-phenylether	16.192	248	79194	37.071	ng/ul	94
69)	Hexachlorobenzene	16.292	284	94329	33.945	ng/ul	97
70)	Atrazine	16.486	200	75374	34.630	ng/ul	98
71)	Pentachlorophenol	16.645	266	56340	33.377	ng/ul	93
72)	Phenanthrene	17.039	178	411026	34.822	ng/ul	100
74)	Anthracene	17.133	178	418582	34.667	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.016	216	103424	37.410	ng/uL	99
76)	Pentachlorobenzene	14.551	250	106375	36.164	ng/uL	98
77)	Carbazole	17.415	167	388045	33.330	ng/ul	98
78)	Di-n-butylphthalate	17.980	149	526068	40.067	ng/ul	98
80)	Fluoranthene	19.068	202	481894	36.408	ng/ul	99
82)	Pyrene	19.433	202	523974	36.685	ng/ul	100
83)	Butylbenzylphthalate	20.356	149	243184	40.637	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.139	252	175701	34.672	ng/ul	98
85)	Benzo(a)anthracene	21.192	228	526484	34.046	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.133	149	386180	41.284	ng/ul	96
87)	Chrysene	21.245	228	506061	35.105	ng/ul	99
89)	Di-n-octyl phthalate	22.009	149	687284	36.848	ng/ul	100
90)	Benzo(b)fluoranthene	22.750	252	590701	34.188	ng/ul	98
91)	Benzo(k)fluoranthene	22.792	252	602695	34.656	ng/ul	100
93)	Benzo(a)pyrene	23.309	252	524916	31.216	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.615	276	790650	36.298	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.627	278	643103	35.313	ng/ul	98
96)	Benzo(g,h,i)perylene	26.280	276	621201	36.150	ng/ul	98

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

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