Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045042.D
Acq On : 08 Apr 2024 15:33
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020094

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 16:14:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	69464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	284905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	182747	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	398867	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	397213	20.000	ng/ul	0.00
88) Perylene-d12	23.462	264	468952	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	13100	7.042	ng/uL	0.00
4) Pyridine-d5	3.604	84	90924	17.974	ng/ul	0.00
7) Phenol-d5	6.804	99	111079	18.863	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	71271	20.314	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	93012	20.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.333	113	89937	19.512	ng/ul	0.00
21) Nitrobenzene-d5	8.786	128	46332	21.171	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	49483	21.422	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.027	165	91240	21.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	133636	19.819	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	267670	21.036	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	319636	21.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	45827	17.257	ng/ul	-0.01
60) Fluorene-d10	15.274	176	239385	21.103	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.415	200	41263	17.448	ng/ul	0.00
73) Anthracene-d10	17.133	188	371900	20.727	ng/ul	0.00
81) Pyrene-d10	19.439	212	442822	22.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	482260	21.081	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	14815	7.626	ng/uL	96
5) Pyridine	3.622	79	98272	18.334	ng/ul	98
6) Benzaldehyde	6.792	77	67713	24.805	ng/ul	92
8) Phenol	6.834	94	117295	19.235	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.069	93	94585	19.874	ng/ul	99
12) 2-Chlorophenol	7.192	128	97065	20.050	ng/ul	96
13) 2-Methylphenol	8.069	108	86393	19.193	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.151	45	114646	20.197	ng/ul	97
16) Acetophenone	8.451	105	145937	19.474	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.433	70	72247	20.418	ng/ul#	96
18) 4-Methylphenol	8.398	108	94811	19.542	ng/ul	99
19) Hexachloroethane	8.675	117	42840	20.120	ng/ul	98
22) Nitrobenzene	8.828	77	115507	21.513	ng/ul	97
23) Isophorone	9.345	82	203160	20.594	ng/ul	99
25) 2-Nitrophenol	9.528	139	53980	21.055	ng/ul	96
26) 2,4-Dimethylphenol	9.586	107	101862	20.608	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.833	93	126250	21.588	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	91164	21.306	ng/ul	95
30) Naphthalene	10.451	128	314925	20.881	ng/ul	100
32) 4-Chloroaniline	10.580	127	129755	19.777	ng/ul	99
33) Hexachlorobutadiene	10.710	225	55414	20.829	ng/ul	95
34) Caprolactam	11.374	113	28178m	19.507	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	91923	21.611	ng/ul	99
36) 2-Methylnaphthalene	12.069	142	206273	20.947	ng/ul	95

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.292	142	208978	20.971	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.439	216	105335	21.076	ng/ul	95
40)	Hexachlorocyclopentadiene	12.404	237	55329	18.288	ng/ul	98
41)	2,4,6-Trichlorophenol	12.698	196	68774	21.095	ng/ul	98
42)	2,4,5-Trichlorophenol	12.768	196	74495	20.738	ng/ul	98
43)	1,1'-Biphenyl	13.098	154	273334	21.181	ng/ul	94
44)	2-Chloronaphthalene	13.139	162	222818	21.253	ng/ul	98
45)	2-Nitroaniline	13.368	65	59625	20.602	ng/ul	96
47)	Dimethylphthalate	13.745	163	278345	20.929	ng/ul	98
48)	2,6-Dinitrotoluene	13.874	165	55205	21.178	ng/ul	92
50)	Acenaphthylene	13.992	152	366526	20.877	ng/ul	99
51)	3-Nitroaniline	14.210	138	56326	19.809	ng/ul	94
52)	Acenaphthene	14.339	153	246443	21.037	ng/ul	100
53)	2,4-Dinitrophenol	14.427	184	23472	15.145	ng/ul#	87
55)	4-Nitrophenol	14.521	109	39299	16.827	ng/ul	87
56)	Dibenzofuran	14.680	168	339630	21.186	ng/ul	98
57)	2,4-Dinitrotoluene	14.674	165	80274	20.573	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	14.910	232	66385	21.593	ng/ul	96
59)	Diethylphthalate	15.121	149	286075	21.084	ng/ul	98
61)	Fluorene	15.333	166	278498	20.612	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.333	204	132546	20.929	ng/ul	97
63)	4-Nitroaniline	15.380	138	51746	20.017	ng/ul	88
66)	4,6-Dinitro-2-methylph...	15.433	198	45602	18.005	ng/ul	100
67)	N-Nitrosodiphenylamine	15.551	169	227890	21.179	ng/ul	99
68)	4-Bromophenyl-phenylether	16.233	248	82847	21.327	ng/ul	98
69)	Hexachlorobenzene	16.327	284	106593	21.094	ng/ul	97
70)	Atrazine	16.521	200	78601	19.859	ng/ul	100
71)	Pentachlorophenol	16.686	266	57202	18.635	ng/ul	98
72)	Phenanthrene	17.074	178	442917	20.635	ng/ul	98
74)	Anthracene	17.168	178	455611	20.750	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.057	216	106710	21.226	ng/uL	97
76)	Pentachlorobenzene	14.586	250	112736	21.077	ng/uL	95
77)	Carbazole	17.451	167	412453	19.481	ng/ul	99
78)	Di-n-butylphthalate	18.021	149	518025	21.696	ng/ul	99
80)	Fluoranthene	19.103	202	525379	22.775	ng/ul	100
82)	Pyrene	19.468	202	560348	22.509	ng/ul	99
83)	Butylbenzylphthalate	20.392	149	239301	22.944	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.174	252	177038	20.045	ng/ul	97
85)	Benzo(a)anthracene	21.227	228	573864	21.292	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.174	149	374078	22.945	ng/ul	99
87)	Chrysene	21.280	228	526536	20.957	ng/ul	100
89)	Di-n-octyl phthalate	22.056	149	630302	21.362	ng/ul	100
90)	Benzo(b)fluoranthene	22.797	252	580132	21.225	ng/ul	98
91)	Benzo(k)fluoranthene	22.844	252	586582	21.322	ng/ul	100
93)	Benzo(a)pyrene	23.368	252	559330	21.027	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.691	276	691324	20.063	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.709	278	582184	20.208	ng/ul	100
96)	Benzo(g,h,i)perylene	26.373	276	555845	20.448	ng/ul	99

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

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