Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022408.D
Acq On : 16 Oct 2024 05:09
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020655

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 05:41:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	107521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	401773	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	315627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	985510	20.000	ng/ul	0.01
79) Chrysene-d12	21.545	240	1166470	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1341110	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	20763	7.504	ng/uL	0.00
4) Pyridine-d5	3.634	84	144229	18.988	ng/ul	0.00
7) Phenol-d5	6.881	99	166472	18.393	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	94591	17.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	126419	19.685	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	133125	18.431	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	62187	20.130	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	73760	20.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	157111	20.668	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	169680	18.891	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	529927	21.132	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	531948	19.972	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	102416	24.344	ng/ul	-0.01
60) Fluorene-d10	15.322	176	464789	21.368	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	124455	19.201	ng/ul	0.00
73) Anthracene-d10	17.210	188	932671	20.118	ng/ul	0.00
81) Pyrene-d10	19.592	212	1168868	18.949	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1375223	19.201	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	23244	7.813	ng/uL	91
5) Pyridine	3.652	79	146749	18.842	ng/ul	98
6) Benzaldehyde	6.852	77	103883	21.239	ng/ul	98
8) Phenol	6.910	94	171472	18.210	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	129302	18.348	ng/ul	98
12) 2-Chlorophenol	7.269	128	128740	19.386	ng/ul	94
13) 2-Methylphenol	8.134	108	123697	18.101	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	143016	17.461	ng/ul	97
16) Acetophenone	8.504	105	215268	18.052	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.487	70	107161	17.738	ng/ul	98
18) 4-Methylphenol	8.457	108	135464	17.868	ng/ul	98
19) Hexachloroethane	8.752	117	60454	19.546	ng/ul	96
22) Nitrobenzene	8.875	77	179160	19.429	ng/ul	97
23) Isophorone	9.399	82	299831	18.135	ng/ul	99
25) 2-Nitrophenol	9.575	139	78324	20.320	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	157555	18.806	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	175029	18.645	ng/ul	98
29) 2,4-Dichlorophenol	10.110	162	150970	20.168	ng/ul	99
30) Naphthalene	10.504	128	421743	19.708	ng/ul	99
32) 4-Chloroaniline	10.610	127	167591	18.902	ng/ul	98
33) Hexachlorobutadiene	10.781	225	123683	19.604	ng/ul	99
34) Caprolactam	11.387	113	50760	21.033	ng/ul	95
35) 4-Chloro-3-methylphenol	11.740	107	163025	19.961	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	306027	19.482	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	315001	19.647	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	227893	19.527	ng/ul	97
40) Hexachlorocyclopentadiene	12.457	237	120157	16.899	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	145262	19.788	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	161682	20.684	ng/ul	96
43) 1,1'-Biphenyl	13.128	154	433635	19.061	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	374350	20.101	ng/ul	99
45) 2-Nitroaniline	13.381	65	114880	20.658	ng/ul	97
47) Dimethylphthalate	13.763	163	532205	21.298	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	110768	23.436	ng/ul	97
50) Acenaphthylene	14.028	152	571034	20.657	ng/ul	100
51) 3-Nitroaniline	14.216	138	104605	23.564	ng/ul	98
52) Acenaphthene	14.375	153	382242	19.555	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	77694	22.342	ng/ul	94
55) 4-Nitrophenol	14.545	109	116119	24.869	ng/ul	92
56) Dibenzofuran	14.716	168	592003	20.162	ng/ul	97
57) 2,4-Dinitrotoluene	14.687	165	185892	25.310	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	180691	24.766	ng/ul	100
59) Diethylphthalate	15.139	149	561621	23.427	ng/ul	98
61) Fluorene	15.381	166	521142	21.783	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	289591	21.167	ng/ul	98
63) 4-Nitroaniline	15.404	138	123028	27.542	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	130631	18.711	ng/ul	97
67) N-Nitrosodiphenylamine	15.586	169	485071	18.380	ng/ul	100
68) 4-Bromophenyl-phenylether	16.275	248	223975	18.846	ng/ul	99
69) Hexachlorobenzene	16.410	284	285839	19.540	ng/ul	98
70) Atrazine	16.557	200	188632	17.195	ng/ul	96
71) Pentachlorophenol	16.769	266	189026	20.096	ng/ul	97
72) Phenanthrene	17.163	178	1024605	19.433	ng/ul	99
74) Anthracene	17.245	178	1049148	19.939	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	226775	15.113	ng/uL	99
76) Pentachlorobenzene	14.634	250	264414	15.940	ng/uL	98
77) Carbazole	17.533	167	913571	19.622	ng/ul	99
78) Di-n-butylphthalate	18.122	149	988235	19.183	ng/ul	100
80) Fluoranthene	19.245	202	1388962	19.586	ng/ul	99
82) Pyrene	19.622	202	1430807	18.825	ng/ul	100
83) Butylbenzylphthalate	20.569	149	488796	18.471	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	516999	18.593	ng/ul	98
85) Benzo(a)anthracene	21.521	228	1585693	19.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	685105	18.037	ng/ul	99
87) Chrysene	21.592	228	1424181	18.783	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1203101	18.860	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1639862	19.426	ng/ul#	98
91) Benzo(k)fluoranthene	23.862	252	1666143	20.159	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1534773	19.754	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.562	276	1929777	18.613	ng/ul	98
95) Dibenzo(a,h)anthracene	28.645	278	1587736m	18.911	ng/ul	
96) Benzo(g,h,i)perylene	29.715	276	1523735	18.895	ng/ul	100

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

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