Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023037.D
Acq On : 12 Nov 2024 07:16
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020712

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 00:19:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 23:59:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	75580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	300457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	253754	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.010	188	639498	20.000	ng/ul	-0.01
79) Chrysene-d12	21.451	240	722596	20.000	ng/ul	0.00
88) Perylene-d12	24.686	264	825153	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	14586	9.276	ng/uL	0.00
4) Pyridine-d5	3.552	84	102026	21.840	ng/ul	0.00
7) Phenol-d5	6.787	99	117511	21.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	71070	21.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	89691	21.916	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	96807	21.053	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	44761	21.399	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	54682	21.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	115143	22.049	ng/ul	0.00
31) 4-Chloroaniline-d4	10.487	131	132535	21.273	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	393742	21.529	ng/ul	0.01
49) Acenaphthylene-d8	13.898	160	415407	21.768	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	51262	18.651	ng/ul	-0.02
60) Fluorene-d10	15.210	176	348046	21.706	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	76286	19.913	ng/ul	0.00
73) Anthracene-d10	17.122	188	585638	21.629	ng/ul	0.01
81) Pyrene-d10	19.498	212	738028	22.174	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.463	264	870065	22.136	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	15025	8.270	ng/uL	97
5) Pyridine	3.570	79	100496	21.420	ng/ul	97
6) Benzaldehyde	6.752	77	82806m	25.751	ng/ul	
8) Phenol	6.811	94	123981	21.247	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.028	93	95816	21.852	ng/ul	97
12) 2-Chlorophenol	7.164	128	92638	21.803	ng/ul	96
13) 2-Methylphenol	8.034	108	91986	21.119	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.093	45	109181	21.996	ng/ul	96
16) Acetophenone	8.399	105	166657	21.568	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	84665	21.944	ng/ul	98
18) 4-Methylphenol	8.363	108	102793	21.366	ng/ul	97
19) Hexachloroethane	8.634	117	43328	21.086	ng/ul	97
22) Nitrobenzene	8.769	77	129228	21.531	ng/ul	98
23) Isophorone	9.281	82	236670	22.053	ng/ul	97
25) 2-Nitrophenol	9.475	139	56742	21.558	ng/ul	94
26) 2,4-Dimethylphenol	9.534	107	122787	21.604	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.763	93	134182	22.724	ng/ul	96
29) 2,4-Dichlorophenol	10.005	162	111948	21.642	ng/ul	99
30) Naphthalene	10.387	128	314990	21.579	ng/ul	99
32) 4-Chloroaniline	10.510	127	127397	21.106	ng/ul	97
33) Hexachlorobutadiene	10.657	225	95600	20.426	ng/ul	99
34) Caprolactam	11.299	113	33497m	21.771	ng/ul	
35) 4-Chloro-3-methylphenol	11.652	107	122393	21.995	ng/ul	96
36) 2-Methylnaphthalene	11.999	142	240305	21.806	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.222	142	245686	21.809	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.375	216	180655	21.088	ng/ul	96
40) Hexachlorocyclopentadiene	12.340	237	86245	19.167	ng/ul	97
41) 2,4,6-Trichlorophenol	12.622	196	113383	21.735	ng/ul	95
42) 2,4,5-Trichlorophenol	12.716	196	121703	21.641	ng/ul	98
43) 1,1'-Biphenyl	13.016	154	347640	21.380	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	283353	21.318	ng/ul	99
45) 2-Nitroaniline	13.293	65	82955	22.227	ng/ul	92
47) Dimethylphthalate	13.657	163	386147	21.409	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	76388	21.773	ng/ul	99
50) Acenaphthylene	13.928	152	420056	21.776	ng/ul	100
51) 3-Nitroaniline	14.122	138	67710	22.407	ng/ul	96
52) Acenaphthene	14.275	153	306453	21.883	ng/ul	97
53) 2,4-Dinitrophenol	14.363	184	44604	17.917	ng/ul	97
55) 4-Nitrophenol	14.463	109	58845	18.300	ng/ul	97
56) Dibenzofuran	14.610	168	466190	21.546	ng/ul	99
57) 2,4-Dinitrotoluene	14.610	165	123169	22.027	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.845	232	118897	21.629	ng/ul#	98
59) Diethylphthalate	15.051	149	381782	21.402	ng/ul	98
61) Fluorene	15.269	166	378549	21.375	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.275	204	220195	21.117	ng/ul	98
63) 4-Nitroaniline	15.322	138	65851	23.419	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.387	198	83807	20.479	ng/ul	98
67) N-Nitrosodiphenylamine	15.487	169	333389	22.561	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	156915	21.668	ng/ul	99
69) Hexachlorobenzene	16.298	284	194430	21.328	ng/ul	98
70) Atrazine	16.475	200	151197	21.167	ng/ul	98
71) Pentachlorophenol	16.663	266	110964	19.605	ng/ul	99
72) Phenanthrene	17.051	178	657293	21.769	ng/ul	99
74) Anthracene	17.157	178	656985	21.642	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	183742	21.762	ng/uL	98
76) Pentachlorobenzene	14.522	250	204870	21.250	ng/uL	98
77) Carbazole	17.445	167	558905	21.102	ng/ul	99
78) Di-n-butylphthalate	18.016	149	638880	21.737	ng/ul	99
80) Fluoranthene	19.151	202	858958	22.401	ng/ul	100
82) Pyrene	19.533	202	905950	21.993	ng/ul	99
83) Butylbenzylphthalate	20.480	149	303477	22.377	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	358824	22.122	ng/ul	100
85) Benzo(a)anthracene	21.433	228	973712	22.068	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	426223	22.115	ng/ul	97
87) Chrysene	21.492	228	879712	21.189	ng/ul	100
89) Di-n-octyl phthalate	22.592	149	703241	21.007	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	1016728	22.137	ng/ul	100
91) Benzo(k)fluoranthene	23.727	252	997423	22.061	ng/ul	98
93) Benzo(a)pyrene	24.527	252	909293	21.901	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.333	276	1209875m	20.916	ng/ul	
95) Dibenzo(a,h)anthracene	28.392	278	931871	19.841	ng/ul	98
96) Benzo(g,h,i)perylene	29.451	276	928167m	21.126	ng/ul	

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

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