Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022815.D
Acq On : 01 Nov 2024 22:55
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020695

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 04 05:06:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	95099	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	360868	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.245	164	289120	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	703203	20.000	ng/ul	-0.01
79) Chrysene-d12	21.498	240	730364	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	844833	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	18674	7.631	ng/uL	0.00
4) Pyridine-d5	3.587	84	133608	19.887	ng/ul	0.00
7) Phenol-d5	6.822	99	155335	19.404	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	91479	19.443	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	122355	21.541	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	129157	20.217	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	59008	21.266	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.475	143	71035	22.113	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	152569	22.346	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	163282	20.239	ng/ul	-0.02
46) Dimethylphthalate-d6	13.663	166	481739	20.971	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	520579	21.337	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.487	143	65192	16.917	ng/ul	-0.02
60) Fluorene-d10	15.257	176	433062	21.735	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	88083	19.046	ng/ul	0.01
73) Anthracene-d10	17.163	188	715877	21.641	ng/ul	0.00
81) Pyrene-d10	19.533	212	867476	22.460	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.510	264	981225	21.748	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	20224	7.686	ng/uL	95
5) Pyridine	3.605	79	135050	19.605	ng/ul	96
6) Benzaldehyde	6.787	77	112351	25.971	ng/ul	100
8) Phenol	6.852	94	162823	19.550	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.063	93	123487	19.811	ng/ul	97
12) 2-Chlorophenol	7.205	128	122458	20.848	ng/ul	98
13) 2-Methylphenol	8.069	108	121049	20.027	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	141054	19.471	ng/ul	97
16) Acetophenone	8.440	105	214472	20.335	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	109203	20.437	ng/ul	99
18) 4-Methylphenol	8.393	108	131986	19.684	ng/ul	96
19) Hexachloroethane	8.681	117	56946	20.817	ng/ul	96
22) Nitrobenzene	8.810	77	167105	20.176	ng/ul	97
23) Isophorone	9.334	82	297611	20.041	ng/ul	98
25) 2-Nitrophenol	9.510	139	74681	21.571	ng/ul	95
26) 2,4-Dimethylphenol	9.575	107	159783	21.233	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.799	93	168343	19.965	ng/ul	97
29) 2,4-Dichlorophenol	10.046	162	150122	22.328	ng/ul	99
30) Naphthalene	10.428	128	407163	21.183	ng/ul	99
32) 4-Chloroaniline	10.552	127	163154	20.487	ng/ul	100
33) Hexachlorobutadiene	10.710	225	125550	22.155	ng/ul	98
34) Caprolactam	11.334	113	40092m	18.496	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	159112	21.690	ng/ul	97
36) 2-Methylnaphthalene	12.046	142	310441	22.003	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	306219	21.264	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	235101	21.992	ng/ul	97
40) Hexachlorocyclopentadiene	12.387	237	127172	19.525	ng/ul	98
41) 2,4,6-Trichlorophenol	12.675	196	147853	21.987	ng/ul	97
42) 2,4,5-Trichlorophenol	12.751	196	157649	22.018	ng/ul	96
43) 1,1'-Biphenyl	13.063	154	446305	21.416	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	367570	21.546	ng/ul	98
45) 2-Nitroaniline	13.334	65	103980	20.413	ng/ul	95
47) Dimethylphthalate	13.716	163	480208	20.979	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	98259	22.695	ng/ul	95
50) Acenaphthylene	13.969	152	530300	20.943	ng/ul	99
51) 3-Nitroaniline	14.169	138	85133	20.936	ng/ul	93
52) Acenaphthene	14.310	153	379810	21.212	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	60463	18.981	ng/ul	95
55) 4-Nitrophenol	14.498	109	80865	18.906	ng/ul	93
56) Dibenzofuran	14.657	168	578470	21.507	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	148899	22.132	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.892	232	150716	22.551	ng/ul	98
59) Diethylphthalate	15.098	149	463378	21.101	ng/ul	99
61) Fluorene	15.316	166	473907	21.625	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.304	204	279344	22.290	ng/ul	99
63) 4-Nitroaniline	15.357	138	93484m	22.847	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	95323	19.135	ng/ul	99
67) N-Nitrosodiphenylamine	15.528	169	407471	21.638	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	195901	23.101	ng/ul	93
69) Hexachlorobenzene	16.339	284	241077	23.096	ng/ul	98
70) Atrazine	16.516	200	173917	22.218	ng/ul	95
71) Pentachlorophenol	16.704	266	141214	21.040	ng/ul	97
72) Phenanthrene	17.098	178	797595	21.200	ng/ul	100
74) Anthracene	17.198	178	832676	22.178	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	244337	22.820	ng/uL	97
76) Pentachlorobenzene	14.569	250	268800	22.710	ng/uL	98
77) Carbazole	17.481	167	685084	20.622	ng/ul	99
78) Di-n-butylphthalate	18.051	149	800922	21.789	ng/ul	99
80) Fluoranthene	19.186	202	1022447	23.027	ng/ul	98
82) Pyrene	19.569	202	1069621	22.476	ng/ul	97
83) Butylbenzylphthalate	20.522	149	354599	21.401	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	379403	21.792	ng/ul	98
85) Benzo(a)anthracene	21.474	228	1076988	21.034	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	512575	21.552	ng/ul	99
87) Chrysene	21.545	228	1000700	21.078	ng/ul	100
89) Di-n-octyl phthalate	22.633	149	827934	20.603	ng/ul	100
90) Benzo(b)fluoranthene	23.716	252	1166146	21.929	ng/ul#	98
91) Benzo(k)fluoranthene	23.786	252	1106293	21.248	ng/ul	99
93) Benzo(a)pyrene	24.580	252	1025307	20.949	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.427	276	1342807m	20.560	ng/ul	
95) Dibenzo(a,h)anthracene	28.498	278	1071338	20.257	ng/ul#	98
96) Benzo(g,h,i)perylene	29.568	276	1036512m	20.403	ng/ul	

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

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