Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022516.D
Acq On : 21 Oct 2024 22:13
Operator : RC/JU
Sample : PB164283BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 01:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS283

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	91004	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	366926	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	297916	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	739749	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	753931	20.000	ng/ul	0.02
88) Perylene-d12	24.774	264	853306	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	11363	4.852	ng/uL	0.00
4) Pyridine-d5	3.605	84	175633	27.319	ng/ul	0.00
7) Phenol-d5	6.858	99	240997	31.460	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	128416	28.522	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	175768	32.336	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	197006	32.225	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	86103	30.519	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	104342	31.945	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	221055	31.842	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	226033	27.555	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	706855	29.863	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	753607	29.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	114665	28.876	ng/ul	-0.01
60) Fluorene-d10	15.275	176	609488	29.687	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	135456	27.842	ng/ul	0.01
73) Anthracene-d10	17.181	188	1010133	29.027	ng/ul	0.01
81) Pyrene-d10	19.551	212	1267741	31.797	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.551	264	1404596	30.822	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	24261	9.635	ng/uL	96
5) Pyridine	3.622	79	173024	26.248	ng/ul	93
6) Benzaldehyde	6.822	77	34526	8.340	ng/ul	98
8) Phenol	6.881	94	241641	30.319	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	171387	28.733	ng/ul	98
12) 2-Chlorophenol	7.240	128	175089	31.150	ng/ul	98
13) 2-Methylphenol	8.105	108	179564	31.045	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.169	45	193287	27.882	ng/ul	99
16) Acetophenone	8.475	105	292163	28.948	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.457	70	153045	29.930	ng/ul	96
18) 4-Methylphenol	8.428	108	195963	30.540	ng/ul	98
19) Hexachloroethane	8.722	117	74903	28.614	ng/ul	93
22) Nitrobenzene	8.846	77	234535	27.850	ng/ul	98
23) Isophorone	9.363	82	433281	28.695	ng/ul	99
25) 2-Nitrophenol	9.546	139	105692	30.024	ng/ul	99
26) 2,4-Dimethylphenol	9.610	107	226110	29.552	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.834	93	243866	28.444	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	213540	31.236	ng/ul	99
30) Naphthalene	10.469	128	561706	28.741	ng/ul	99
32) 4-Chloroaniline	10.581	127	140757	17.383	ng/ul	98
33) Hexachlorobutadiene	10.746	225	165217	28.674	ng/ul	98
34) Caprolactam	11.363	113	64678m	29.346	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	233514	31.306	ng/ul	98
36) 2-Methylnaphthalene	12.069	142	424996	29.625	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	417951	28.544	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	314709	28.569	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	125459	18.693	ng/ul	99
41) 2,4,6-Trichlorophenol	12.693	196	210262	30.345	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	230154	31.195	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	614623	28.622	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	507855	28.891	ng/ul	98
45) 2-Nitroaniline	13.351	65	152040	28.966	ng/ul	93
47) Dimethylphthalate	13.728	163	676126	28.666	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	140730	31.545	ng/ul	99
50) Acenaphthylene	13.992	152	739525	28.343	ng/ul	99
51) 3-Nitroaniline	14.181	138	116397	27.779	ng/ul	99
52) Acenaphthene	14.339	153	531065	28.784	ng/ul	100
53) 2,4-Dinitrophenol	14.410	184	90411	27.544	ng/ul	97
55) 4-Nitrophenol	14.510	109	125408	28.455	ng/ul	98
56) Dibenzofuran	14.681	168	798904	28.826	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	216750	31.266	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	211360	30.692	ng/ul	98
59) Diethylphthalate	15.110	149	667986	29.520	ng/ul	98
61) Fluorene	15.345	166	652728	28.905	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	369451	28.609	ng/ul	99
63) 4-Nitroaniline	15.375	138	139406	33.064	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.439	198	143522	27.387	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	564385	28.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	258685	28.998	ng/ul	98
69) Hexachlorobenzene	16.369	284	320126	29.154	ng/ul	98
70) Atrazine	16.522	200	254735	30.935	ng/ul	97
71) Pentachlorophenol	16.722	266	202268	28.648	ng/ul	99
72) Phenanthrene	17.122	178	1126812	28.471	ng/ul	99
74) Anthracene	17.216	178	1128526	28.573	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	313419	27.826	ng/uL	98
76) Pentachlorobenzene	14.592	250	343115	27.556	ng/uL	99
77) Carbazole	17.504	167	972943	27.840	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1145615	29.626	ng/ul	100
80) Fluoranthene	19.204	202	1428377	31.164	ng/ul	99
82) Pyrene	19.586	202	1508122	30.699	ng/ul	99
83) Butylbenzylphthalate	20.533	149	536224	31.352	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	506775	28.198	ng/ul	98
85) Benzo(a)anthracene	21.492	228	1514799	28.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	752816	30.664	ng/ul	100
87) Chrysene	21.557	228	1401716	28.602	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1275752	31.431	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1599224	29.774	ng/ul	98
91) Benzo(k)fluoranthene	23.804	252	1552565	29.523	ng/ul	99
93) Benzo(a)pyrene	24.615	252	1427575	28.878	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	1922055	29.136	ng/ul	97
95) Dibenzo(a,h)anthracene	28.545	278	1538857	28.807	ng/ul	99
96) Benzo(g,h,i)perylene	29.609	276	1482016	28.883	ng/ul	100

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

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