Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022777.D
Acq On : 31 Oct 2024 19:43
Operator : RC/JU
Sample : PB164489BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS489

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 12:29:33 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	76315	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	302116	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.245	164	257182	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.057	188	695277	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	794435	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	923245m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10193	5.190	ng/uL	0.00
4) Pyridine-d5	3.587	84	147642	27.386	ng/ul	0.00
7) Phenol-d5	6.828	99	191416	29.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	104497	27.677	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	142252	31.208	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	154008	30.041	ng/ul	-0.01
21) Nitrobenzene-d5	8.775	128	70054	30.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	84061	31.256	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	183815	32.158	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.534	131	181112	26.815	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	579660	28.368	ng/ul	0.00
49) Acenaphthylene-d8	13.939	160	653738	30.122	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	95622	27.894	ng/ul	-0.02
60) Fluorene-d10	15.263	176	557697	31.466	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	113846	24.897	ng/ul	0.01
73) Anthracene-d10	17.169	188	979641	29.952	ng/ul	0.00
81) Pyrene-d10	19.545	212	1252287	29.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.533	264	1533885	31.109	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	20292	9.610	ng/uL#	91
5) Pyridine	3.605	79	146623	26.524	ng/ul	89
6) Benzaldehyde	6.799	77	21996	6.336	ng/ul	90
8) Phenol	6.852	94	190529	28.507	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.063	93	132523	26.494	ng/ul	97
12) 2-Chlorophenol	7.205	128	142455	30.222	ng/ul	97
13) 2-Methylphenol	8.075	108	136707	28.185	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.140	45	151786	26.110	ng/ul	96
16) Acetophenone	8.440	105	236117	27.898	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.428	70	118819	27.709	ng/ul	97
18) 4-Methylphenol	8.399	108	155475	28.894	ng/ul	96
19) Hexachloroethane	8.687	117	64265	29.275	ng/ul	96
22) Nitrobenzene	8.816	77	195805	28.239	ng/ul	99
23) Isophorone	9.340	82	332218	26.722	ng/ul	97
25) 2-Nitrophenol	9.516	139	86349	29.792	ng/ul	91
26) 2,4-Dimethylphenol	9.587	107	177060	28.105	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.810	93	187740	26.595	ng/ul	100
29) 2,4-Dichlorophenol	10.051	162	177371	31.511	ng/ul	99
30) Naphthalene	10.440	128	464968	28.895	ng/ul	99
32) 4-Chloroaniline	10.557	127	115212	17.281	ng/ul	100
33) Hexachlorobutadiene	10.710	225	145033	30.571	ng/ul	99
34) Caprolactam	11.334	113	48443	26.695	ng/ul	91
35) 4-Chloro-3-methylphenol	11.693	107	192486	31.342	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	354599	30.020	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	353701	29.338	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	282990	29.759	ng/ul	94
40) Hexachlorocyclopentadiene	12.398	237	73546	12.694	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	179265	29.969	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	195916	30.760	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	529005	28.537	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	432609	28.508	ng/ul	98
45) 2-Nitroaniline	13.345	65	135261	29.851	ng/ul	94
47) Dimethylphthalate	13.722	163	569922	27.991	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	118655	30.809	ng/ul	96
50) Acenaphthylene	13.969	152	638423	28.344	ng/ul	99
51) 3-Nitroaniline	14.175	138	106506	29.444	ng/ul	98
52) Acenaphthene	14.322	153	461315	28.963	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	65710	23.190	ng/ul	95
55) 4-Nitrophenol	14.510	109	117892	30.986	ng/ul	89
56) Dibenzofuran	14.663	168	714648	29.870	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	187250	31.289	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.892	232	191338	32.185	ng/ul	98
59) Diethylphthalate	15.098	149	583138	29.852	ng/ul	98
61) Fluorene	15.316	166	594561	30.499	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	341360	30.621	ng/ul	98
63) 4-Nitroaniline	15.369	138	122033m	33.527	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	119095	24.180	ng/ul	96
67) N-Nitrosodiphenylamine	15.539	169	509705	27.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	250283	29.851	ng/ul	97
69) Hexachlorobenzene	16.351	284	312844	30.313	ng/ul	97
70) Atrazine	16.528	200	227917	29.449	ng/ul	95
71) Pentachlorophenol	16.704	266	196797	29.656	ng/ul	98
72) Phenanthrene	17.104	178	1054470	28.347	ng/ul	99
74) Anthracene	17.204	178	1059895	28.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	275913	26.063	ng/uL	98
76) Pentachlorobenzene	14.581	250	315218	26.935	ng/uL	99
77) Carbazole	17.486	167	928852	28.279	ng/ul	100
78) Di-n-butylphthalate	18.063	149	1063657	29.266	ng/ul	100
80) Fluoranthene	19.198	202	1430112	29.611	ng/ul	97
82) Pyrene	19.574	202	1499185	28.962	ng/ul	98
83) Butylbenzylphthalate	20.533	149	529512	29.381	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.410	252	519467	27.431	ng/ul	96
85) Benzo(a)anthracene	21.486	228	1582070	28.407	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	735103	28.416	ng/ul	99
87) Chrysene	21.557	228	1486188	28.780	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1266761	28.845	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1711552	29.451	ng/ul	99
91) Benzo(k)fluoranthene	23.798	252	1696692	29.820	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1556255	29.096	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.462	276	2034431m	28.503	ng/ul	
95) Dibenzo(a,h)anthracene	28.533	278	1618856	28.009	ng/ul#	98
96) Benzo(g,h,i)perylene	29.597	276	1565311	28.195	ng/ul	98

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

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