Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022782.D
Acq On : 31 Oct 2024 23:07
Operator : RC/JU
Sample : PB164546BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS546

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

Quant Time: Nov 01 02:01:07 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	88885	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	331391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	272714	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	720501m	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	777402	20.000	ng/ul	0.01
88) Perylene-d12	24.774	264	919897	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	10758	4.703	ng/uL	0.00
4) Pyridine-d5	3.593	84	153843	24.500	ng/ul	0.00
7) Phenol-d5	6.828	99	194729	26.026	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	105984	24.101	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	146021	27.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	154374	25.854	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	69744	27.371	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	82944	28.117	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	185915	29.652	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.534	131	176604	23.838	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	579642	26.751	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	630596	27.401	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	92177	25.358	ng/ul	-0.01
60) Fluorene-d10	15.269	176	530640	28.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	112710	23.785	ng/ul	0.01
73) Anthracene-d10	17.163	188	910898	26.875	ng/ul	0.00
81) Pyrene-d10	19.539	212	1161247	28.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1375200	27.993	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	23133	9.406	ng/uL	95
5) Pyridine	3.611	79	156032	24.235	ng/ul	96
6) Benzaldehyde	6.793	77	23390	5.785	ng/ul	98
8) Phenol	6.852	94	197961	25.430	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.069	93	139850	24.005	ng/ul	99
12) 2-Chlorophenol	7.204	128	149560	27.242	ng/ul	98
13) 2-Methylphenol	8.075	108	144379	25.557	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	161173	23.804	ng/ul	98
16) Acetophenone	8.446	105	239354	24.281	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	124075	24.843	ng/ul	97
18) 4-Methylphenol	8.398	108	158578	25.303	ng/ul	97
19) Hexachloroethane	8.681	117	66681	26.080	ng/ul	98
22) Nitrobenzene	8.816	77	198253	26.066	ng/ul	99
23) Isophorone	9.334	82	342857	25.142	ng/ul	99
25) 2-Nitrophenol	9.516	139	88691	27.896	ng/ul	96
26) 2,4-Dimethylphenol	9.581	107	180813	26.165	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.804	93	189063	24.417	ng/ul	98
29) 2,4-Dichlorophenol	10.051	162	179547	29.079	ng/ul	97
30) Naphthalene	10.440	128	468573	26.547	ng/ul	98
32) 4-Chloroaniline	10.557	127	111450	15.240	ng/ul	98
33) Hexachlorobutadiene	10.716	225	148644	28.564	ng/ul	99
34) Caprolactam	11.351	113	48640m	24.435	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	191675	28.453	ng/ul	99
36) 2-Methylnaphthalene	12.051	142	354641	27.372	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	355687	26.896	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	276025	27.373	ng/ul	93
40) Hexachlorocyclopentadiene	12.398	237	86420	14.066	ng/ul	98
41) 2,4,6-Trichlorophenol	12.675	196	176538	27.832	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	194963	28.867	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	517471	26.325	ng/ul	100
44) 2-Chloronaphthalene	13.122	162	439231	27.296	ng/ul	98
45) 2-Nitroaniline	13.334	65	130341	27.127	ng/ul	97
47) Dimethylphthalate	13.710	163	568435	26.328	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	117087	28.671	ng/ul	98
50) Acenaphthylene	13.969	152	626238	26.219	ng/ul	99
51) 3-Nitroaniline	14.181	138	101951	26.580	ng/ul	98
52) Acenaphthene	14.310	153	446493	26.436	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	66491	22.129	ng/ul	95
55) 4-Nitrophenol	14.510	109	112243	27.821	ng/ul	90
56) Dibenzofuran	14.657	168	687699	27.107	ng/ul	98
57) 2,4-Dinitrotoluene	14.639	165	186872	29.447	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	190633	30.240	ng/ul	97
59) Diethylphthalate	15.104	149	578945	27.949	ng/ul	98
61) Fluorene	15.322	166	577281	27.926	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.310	204	344872	29.174	ng/ul	98
63) 4-Nitroaniline	15.357	138	120883	31.320	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.433	198	121363	23.777	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	501379	25.986	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	249524	28.718	ng/ul	97
69) Hexachlorobenzene	16.351	284	311426	29.119	ng/ul#	93
70) Atrazine	16.527	200	222007	27.681	ng/ul	95
71) Pentachlorophenol	16.710	266	188996	27.484	ng/ul	95
72) Phenanthrene	17.104	178	1011709m	26.246	ng/ul	
74) Anthracene	17.204	178	1008729	26.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	277558	25.300	ng/uL	97
76) Pentachlorobenzene	14.581	250	314074	25.898	ng/uL	100
77) Carbazole	17.480	167	900144	26.445	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1025187	27.220	ng/ul	100
80) Fluoranthene	19.198	202	1341975	28.395	ng/ul	97
82) Pyrene	19.574	202	1396818	27.575	ng/ul	97
83) Butylbenzylphthalate	20.527	149	490833	27.831	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.415	252	493622	26.637	ng/ul	98
85) Benzo(a)anthracene	21.492	228	1457829	26.750	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	700290	27.663	ng/ul	98
87) Chrysene	21.551	228	1352347	26.762	ng/ul	99
89) Di-n-octyl phthalate	22.662	149	1179563	26.958	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1634660	28.230	ng/ul#	98
91) Benzo(k)fluoranthene	23.798	252	1576973	27.817	ng/ul	99
93) Benzo(a)pyrene	24.615	252	1425154	26.742	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	1917525m	26.963	ng/ul	
95) Dibenzo(a,h)anthracene	28.533	278	1540202	26.745	ng/ul#	98
96) Benzo(g,h,i)perylene	29.621	276	1472751	26.624	ng/ul	99

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

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