Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018771.D
Acq On : 12 Dec 2023 16:53
Operator : MA/JU
Sample : PB157686BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS686

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/13/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 22:12:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	173520	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	654421	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	432968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1030523	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1111102	20.000	ng/ul	# 0.00
88) Perylene-d12	23.669	264	1280030	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	25412	4.991	ng/uL	0.00
4) Pyridine-d5	3.681	84	332452	24.375	ng/ul	0.00
7) Phenol-d5	7.011	99	412789	23.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	240375	23.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	336442	24.761	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	328796	23.332	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	159858	27.446	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	177224	29.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	357397	28.944	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	411884	25.524	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1077607	27.886	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1161126	27.288	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	190572	30.044	ng/ul	0.00
60) Fluorene-d10	15.463	176	899840	27.741	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	185235	29.978	ng/ul	0.00
73) Anthracene-d10	17.316	188	1455982	26.875	ng/ul	0.00
81) Pyrene-d10	19.551	212	1894462	21.904	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2115616	28.346	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	53109	9.511	ng/uL	97
5) Pyridine	3.699	79	341782	24.815	ng/ul	98
6) Benzaldehyde	6.981	77	209700	23.325	ng/ul	100
8) Phenol	7.040	94	424630	24.866	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.269	93	338719	24.152	ng/ul	98
12) 2-Chlorophenol	7.405	128	342434	24.901	ng/ul	97
13) 2-Methylphenol	8.287	108	314036	24.021	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.369	45	402663	22.628	ng/ul	98
16) Acetophenone	8.669	105	518715	24.698	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.658	70	246031	21.294	ng/ul	98
18) 4-Methylphenol	8.616	108	340501	23.852	ng/ul	99
19) Hexachloroethane	8.916	117	150917	26.770	ng/ul	86
22) Nitrobenzene	9.046	77	396715	28.014	ng/ul	99
23) Isophorone	9.569	82	726287	25.154	ng/ul	97
25) 2-Nitrophenol	9.752	139	191670	29.644	ng/ul#	91
26) 2,4-Dimethylphenol	9.816	107	303702	24.017	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.058	93	446975	24.520	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	351068	29.517	ng/ul	99
30) Naphthalene	10.687	128	1059203	26.680	ng/ul	99
32) 4-Chloroaniline	10.799	127	344560	22.403	ng/ul	100
33) Hexachlorobutadiene	10.969	225	283437	35.583	ng/ul	99
34) Caprolactam	11.581	113	109169m	29.934	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	369123	27.704	ng/ul	97
36) 2-Methylnaphthalene	12.293	142	747637	26.583	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	734550	25.862	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.663	216	501916	31.951	ng/ul	97
40) Hexachlorocyclopentadiene	12.640	237	258554	27.769	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	308373	30.516	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	340030	31.038	ng/ul	100
43) 1,1'-Biphenyl	13.304	154	1010737	26.992	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	823730	27.852	ng/ul	98
45) 2-Nitroaniline	13.557	65	229328	28.603	ng/ul	99
47) Dimethylphthalate	13.934	163	1090807	28.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	226047	31.454	ng/ul	98
50) Acenaphthylene	14.193	152	1302843	27.233	ng/ul	99
51) 3-Nitroaniline	14.381	138	209221	29.164	ng/ul	98
52) Acenaphthene	14.534	153	862336	27.262	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	121713	31.956	ng/ul	92
55) 4-Nitrophenol	14.687	109	179629	37.483	ng/ul	81
56) Dibenzofuran	14.869	168	1241627	28.242	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	329811	32.625	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.093	232	301483	32.807	ng/ul	94
59) Diethylphthalate	15.298	149	1083221	29.101	ng/ul	99
61) Fluorene	15.516	166	1007803	28.971	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	569492	31.214	ng/ul	96
63) 4-Nitroaniline	15.546	138	221610	32.426	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	205343	31.083	ng/ul	94
67) N-Nitrosodiphenylamine	15.728	169	873257	25.572	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	391064	30.059	ng/ul	95
69) Hexachlorobenzene	16.516	284	474994	32.701	ng/ul	96
70) Atrazine	16.687	200	253661	24.985	ng/ul	98
71) Pentachlorophenol	16.863	266	284547	32.938	ng/ul	100
72) Phenanthrene	17.257	178	1722322	27.673	ng/ul	99
74) Anthracene	17.351	178	1700409	27.256	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	502483	28.200	ng/uL	99
76) Pentachlorobenzene	14.787	250	525376	30.016	ng/uL	99
77) Carbazole	17.622	167	1545412	31.081	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1896426	28.644	ng/ul	100
80) Fluoranthene	19.228	202	2248041	21.989	ng/ul#	92
82) Pyrene	19.581	202	2303441	22.334	ng/ul#	90
83) Butylbenzylphthalate	20.457	149	896693	23.749	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.228	252	799211	29.599	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2528014	28.031	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1308580	25.215	ng/ul	99
87) Chrysene	21.345	228	2314712	27.871	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2314908	24.769	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2712923	28.745	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2541806	27.835	ng/ul#	97
93) Benzo(a)pyrene	23.569	252	2448436	28.392	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.133	276	3139241	30.468	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.145	278	2599020	30.323	ng/ul#	95
96) Benzo(g,h,i)perylene	26.886	276	2528265	30.491	ng/ul#	93

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

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