Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020679.D
Acq On : 28 Jun 2024 04:07
Operator : MA/JU
Sample : PB161614BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS614

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 04:46:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	233170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	964549	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	607679	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.198	188	1041717	20.000	ng/ul	0.01
79) Chrysene-d12	21.663	240	682743	20.000	ng/ul	0.02
88) Perylene-d12	25.033	264	888848	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	32426	5.972	ng/uL	0.00
4) Pyridine-d5	3.687	84	461257	29.147	ng/ul	0.00
7) Phenol-d5	6.934	99	680851	35.601	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	398346	32.856	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	548116	35.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.452	113	540303	34.786	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	272845	38.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	311450	43.704	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	565071	38.494	ng/ul	0.01
31) 4-Chloroaniline-d4	10.657	131	698359	33.947	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1614464	38.211	ng/ul	0.01
49) Acenaphthylene-d8	14.075	160	1814614	35.993	ng/ul	0.01
54) 4-Nitrophenol-d4	14.604	143	238458	36.938	ng/ul	0.01
60) Fluorene-d10	15.392	176	1276445	35.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	220374	41.979	ng/ul	0.02
73) Anthracene-d10	17.298	188	1646189	35.211	ng/ul	0.02
81) Pyrene-d10	19.686	212	1485763	36.224	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.815	264	1633399	37.778	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	64675	10.644	ng/uL	96
5) Pyridine	3.705	79	463599	28.281	ng/ul	98
6) Benzaldehyde	6.910	77	391293	40.459	ng/ul	97
8) Phenol	6.963	94	669614	34.335	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.181	93	524116	32.461	ng/ul	99
12) 2-Chlorophenol	7.322	128	547884	34.870	ng/ul	98
13) 2-Methylphenol	8.187	108	503323	33.638	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.269	45	757891	30.887	ng/ul	99
16) Acetophenone	8.563	105	839117	33.829	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.552	70	425796	32.295	ng/ul	99
18) 4-Methylphenol	8.516	108	551674	34.831	ng/ul	99
19) Hexachloroethane	8.810	117	228154	33.450	ng/ul	94
22) Nitrobenzene	8.940	77	625317	33.873	ng/ul	97
23) Isophorone	9.469	82	1211192	33.113	ng/ul	98
25) 2-Nitrophenol	9.640	139	319239	41.481	ng/ul	95
26) 2,4-Dimethylphenol	9.704	107	410389	22.896	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	725208	33.327	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	545293	37.530	ng/ul	98
30) Naphthalene	10.569	128	1720497	33.326	ng/ul	100
32) 4-Chloroaniline	10.681	127	625350	31.573	ng/ul	100
33) Hexachlorobutadiene	10.846	225	385842	35.520	ng/ul	98
34) Caprolactam	11.487	113	175408m	39.671	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	602459	37.554	ng/ul	97
36) 2-Methylnaphthalene	12.181	142	1208965	34.958	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1188911	33.629	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	711446	36.619	ng/ul	100
40) Hexachlorocyclopentadiene	12.528	237	238802	19.748	ng/ul	98
41) 2,4,6-Trichlorophenol	12.798	196	433707	37.420	ng/ul	99
42) 2,4,5-Trichlorophenol	12.881	196	472490	39.306	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	1574807	34.652	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	1242006	34.698	ng/ul	100
45) 2-Nitroaniline	13.463	65	370375	41.081	ng/ul	91
47) Dimethylphthalate	13.839	163	1585466	36.838	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	330513	43.066	ng/ul	93
50) Acenaphthylene	14.104	152	1941041	34.084	ng/ul	99
51) 3-Nitroaniline	14.292	138	307118	43.057	ng/ul	96
52) Acenaphthene	14.451	153	1275150	33.754	ng/ul	98
53) 2,4-Dinitrophenol	14.516	184	150766	37.873	ng/ul	99
55) 4-Nitrophenol	14.616	109	199644	34.558	ng/ul	98
56) Dibenzofuran	14.787	168	1775160	34.871	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	437966	41.343	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.016	232	355177	35.774	ng/ul	96
59) Diethylphthalate	15.234	149	1551272	36.540	ng/ul	99
61) Fluorene	15.451	166	1400461	34.240	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	747914	35.042	ng/ul	99
63) 4-Nitroaniline	15.481	138	291877	43.116	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.539	198	229281	40.772	ng/ul	91
67) N-Nitrosodiphenylamine	15.675	169	1195844	38.926	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	461594	39.726	ng/ul	96
69) Hexachlorobenzene	16.475	284	501713	38.572	ng/ul	92
70) Atrazine	16.663	200	214451	19.801	ng/ul	99
71) Pentachlorophenol	16.833	266	253044	33.791	ng/ul	97
72) Phenanthrene	17.239	178	1924088	35.272	ng/ul	99
74) Anthracene	17.333	178	1876951	33.450	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	679934	40.210	ng/uL	99
76) Pentachlorobenzene	14.698	250	652976	40.516	ng/uL	99
77) Carbazole	17.622	167	1580889	34.138	ng/ul	100
78) Di-n-butylphthalate	18.210	149	2224072	36.977	ng/ul	100
80) Fluoranthene	19.333	202	1789298	35.713	ng/ul	99
82) Pyrene	19.716	202	1752500	34.106	ng/ul	99
83) Butylbenzylphthalate	20.669	149	697613	36.563	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.569	252	529688	35.090	ng/ul	97
85) Benzo(a)anthracene	21.645	228	1704907	35.627	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.574	149	918925	31.020	ng/ul	99
87) Chrysene	21.710	228	1617223	35.753	ng/ul	100
89) Di-n-octyl phthalate	22.874	149	1678550	29.417	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	1918259	35.624	ng/ul	98
91) Benzo(k)fluoranthene	24.045	252	1908271	35.034	ng/ul	98
93) Benzo(a)pyrene	24.874	252	1733378	34.101	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.886	276	2458432m	37.707	ng/ul	
95) Dibenzo(a,h)anthracene	28.950	278	2013652m	37.578	ng/ul	
96) Benzo(g,h,i)perylene	30.056	276	1942959	36.499	ng/ul	98

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

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