Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
Data File : BP022726.D
Acq On : 30 Oct 2024 01:31
Operator : RC/JU
Sample : PB164416BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS416

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 01:59:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 29 18:08:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	93259	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	361805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	296675	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.069	188	707939	20.000	ng/ul	0.01
79) Chrysene-d12	21.492	240	724891	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	839892	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	10497	4.374	ng/uL	0.00
4) Pyridine-d5	3.593	84	158086	23.995	ng/ul	0.00
7) Phenol-d5	6.840	99	211162	26.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	114564	24.830	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	156525	28.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	169645	27.079	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	76153	27.374	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	91051	28.270	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	200764	29.329	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	203471	25.155	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	604065	25.627	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	659332	26.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	98771	24.977	ng/ul	0.02
60) Fluorene-d10	15.275	176	540097	26.417	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	110216	23.672	ng/ul	0.00
73) Anthracene-d10	17.163	188	910656	27.344	ng/ul	0.00
81) Pyrene-d10	19.539	212	1108664	28.921	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.527	264	1256091	28.004	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	22488	8.715	ng/uL	96
5) Pyridine	3.611	79	161269	23.873	ng/ul	96
6) Benzaldehyde	6.805	77	18298	4.313	ng/ul	94
8) Phenol	6.863	94	221082	27.069	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.075	93	156386	25.584	ng/ul	99
12) 2-Chlorophenol	7.216	128	163224	28.337	ng/ul	98
13) 2-Methylphenol	8.087	108	161013	27.164	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	177898	25.042	ng/ul	98
16) Acetophenone	8.452	105	262801	25.409	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	137124	26.168	ng/ul	96
18) 4-Methylphenol	8.410	108	176593	26.856	ng/ul	97
19) Hexachloroethane	8.699	117	71932	26.814	ng/ul	100
22) Nitrobenzene	8.828	77	210490	25.348	ng/ul	96
23) Isophorone	9.346	82	378377	25.414	ng/ul	97
25) 2-Nitrophenol	9.522	139	98007	28.235	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	200796	26.615	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.816	93	214159	25.333	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	198344	29.423	ng/ul	97
30) Naphthalene	10.446	128	517019	26.829	ng/ul	99
32) 4-Chloroaniline	10.563	127	127610	15.983	ng/ul	99
33) Hexachlorobutadiene	10.728	225	157064	27.645	ng/ul	100
34) Caprolactam	11.351	113	55554m	25.563	ng/ul	
35) 4-Chloro-3-methylphenol	11.699	107	208669	28.372	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	387459	27.391	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	383480	26.560	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	295227	26.913	ng/ul	95
40) Hexachlorocyclopentadiene	12.410	237	99276	14.854	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	191108	27.696	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	208530	28.382	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	556524	26.025	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	459496	26.249	ng/ul	99
45) 2-Nitroaniline	13.334	65	137910	26.384	ng/ul	98
47) Dimethylphthalate	13.716	163	597585	25.442	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	124873	28.108	ng/ul	99
50) Acenaphthylene	13.981	152	681952	26.246	ng/ul	98
51) 3-Nitroaniline	14.187	138	110165	26.402	ng/ul	99
52) Acenaphthene	14.328	153	493742	26.873	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	67228	20.567	ng/ul	95
55) 4-Nitrophenol	14.522	109	112214	25.568	ng/ul	97
56) Dibenzofuran	14.663	168	742586	26.906	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	193063	27.966	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.910	232	190997	27.851	ng/ul	99
59) Diethylphthalate	15.104	149	589945	26.180	ng/ul	98
61) Fluorene	15.328	166	602604	26.797	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	342174	26.608	ng/ul	97
63) 4-Nitroaniline	15.351	138	125920	29.990	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.428	198	120590	24.045	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	513543	27.088	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	247917	29.040	ng/ul	97
69) Hexachlorobenzene	16.357	284	307912	29.301	ng/ul	100
70) Atrazine	16.528	200	223025	28.301	ng/ul	96
71) Pentachlorophenol	16.722	266	191389	28.326	ng/ul	94
72) Phenanthrene	17.110	178	1037469	27.392	ng/ul	99
74) Anthracene	17.204	178	1013511	26.814	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	291278	27.022	ng/uL	98
76) Pentachlorobenzene	14.598	250	324601	27.241	ng/uL	98
77) Carbazole	17.486	167	895337	26.771	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1009759	27.286	ng/ul	100
80) Fluoranthene	19.198	202	1311356	29.757	ng/ul	99
82) Pyrene	19.575	202	1365532	28.910	ng/ul	98
83) Butylbenzylphthalate	20.522	149	473559	28.797	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	444714	25.736	ng/ul	98
85) Benzo(a)anthracene	21.474	228	1376190	27.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	646488	27.388	ng/ul	99
87) Chrysene	21.539	228	1269621	26.945	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	1093531	27.372	ng/ul	100
90) Benzo(b)fluoranthene	23.716	252	1469335	27.792	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	1470259	28.405	ng/ul	99
93) Benzo(a)pyrene	24.586	252	1318199	27.091	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.427	276	1772189m	27.293	ng/ul	
95) Dibenzo(a,h)anthracene	28.498	278	1443157	27.447	ng/ul#	98
96) Benzo(g,h,i)perylene	29.574	276	1357081m	26.870	ng/ul	

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

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