Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022869.D
Acq On : 05 Nov 2024 20:54
Operator : RC/JU
Sample : PB164615BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 06 00:25:23 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

Instrument :
BNA_P
ClientSampleId :
SLCS615

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/06/2024
Supervised By :mohammad ahmed
11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	78441	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	302007	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.245	164	253300	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	643202	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240	732228	20.000	ng/ul	# 0.00
88) Perylene-d12	24.751	264	845641	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8579	4.250	ng/uL	0.00
4) Pyridine-d5	3.581	84	135008	24.363	ng/ul	-0.01
7) Phenol-d5	6.822	99	182068	27.574	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	95471	24.601	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	136802	29.198	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	147928	28.073	ng/ul	-0.01
21) Nitrobenzene-d5	8.763	128	67752	29.177	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.481	143	81605	30.354	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.016	165	177098	30.994	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.522	131	178865	26.492	ng/ul	-0.02
46) Dimethylphthalate-d6	13.657	166	535548	26.611	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	590773	27.638	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.492	143	83869	24.841	ng/ul	-0.02
60) Fluorene-d10	15.257	176	493923	28.295	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	97849	23.131	ng/ul	0.00
73) Anthracene-d10	17.163	188	838192	27.702	ng/ul	0.00
81) Pyrene-d10	19.539	212	1088982	28.123	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	1305885	28.916	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	19764	9.106	ng/uL#	94
5) Pyridine	3.605	79	138869	24.441	ng/ul	97
6) Benzaldehyde	6.793	77	15986	4.480	ng/ul	92
8) Phenol	6.852	94	195552	28.466	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.057	93	132513	25.774	ng/ul	100
12) 2-Chlorophenol	7.199	128	144998	29.928	ng/ul	99
13) 2-Methylphenol	8.069	108	141972	28.477	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	146855	24.577	ng/ul	98
16) Acetophenone	8.440	105	233369	26.826	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	120132	27.256	ng/ul	99
18) 4-Methylphenol	8.393	108	157891	28.548	ng/ul	99
19) Hexachloroethane	8.681	117	59953	26.571	ng/ul	98
22) Nitrobenzene	8.804	77	189920	27.400	ng/ul	99
23) Isophorone	9.328	82	331856	26.703	ng/ul	98
25) 2-Nitrophenol	9.510	139	86316	29.791	ng/ul	96
26) 2,4-Dimethylphenol	9.575	107	183613	29.156	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.799	93	185180	26.242	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	175873	31.256	ng/ul	99
30) Naphthalene	10.428	128	466211	28.983	ng/ul	99
32) 4-Chloroaniline	10.546	127	113564	17.040	ng/ul	97
33) Hexachlorobutadiene	10.704	225	136878	28.862	ng/ul	99
34) Caprolactam	11.334	113	47889m	26.399	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	188730	30.741	ng/ul	99
36) 2-Methylnaphthalene	12.045	142	347906	29.464	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	343064	28.466	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	264838	28.277	ng/ul	95
40) Hexachlorocyclopentadiene	12.387	237	80088	14.035	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	171764	29.155	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	186607	29.747	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	512096	28.048	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	413250	27.650	ng/ul	99
45) 2-Nitroaniline	13.328	65	121721	27.275	ng/ul	91
47) Dimethylphthalate	13.710	163	542067	27.031	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	111105	29.291	ng/ul	96
50) Acenaphthylene	13.963	152	614576	27.703	ng/ul	99
51) 3-Nitroaniline	14.169	138	97808	27.454	ng/ul	95
52) Acenaphthene	14.310	153	441029	28.114	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	57286	20.527	ng/ul	96
55) 4-Nitrophenol	14.504	109	99557	26.568	ng/ul	91
56) Dibenzofuran	14.651	168	671798	28.509	ng/ul	99
57) 2,4-Dinitrotoluene	14.634	165	173941	29.510	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.898	232	181644	31.023	ng/ul	95
59) Diethylphthalate	15.092	149	534083	27.760	ng/ul	98
61) Fluorene	15.310	166	548253	28.555	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	320849	29.222	ng/ul	99
63) 4-Nitroaniline	15.357	138	114833m	32.033	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	109589	24.051	ng/ul	99
67) N-Nitrosodiphenylamine	15.534	169	481452	27.952	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	226700	29.227	ng/ul	95
69) Hexachlorobenzene	16.333	284	290206	30.396	ng/ul	96
70) Atrazine	16.516	200	211231	29.503	ng/ul	95
71) Pentachlorophenol	16.704	266	177310	28.883	ng/ul	95
72) Phenanthrene	17.098	178	968797	28.153	ng/ul	99
74) Anthracene	17.198	178	967255	28.166	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	265371	27.097	ng/uL	97
76) Pentachlorobenzene	14.569	250	296404	27.378	ng/uL	99
77) Carbazole	17.480	167	843381	27.755	ng/ul	98
78) Di-n-butylphthalate	18.057	149	927068	27.573	ng/ul	100
80) Fluoranthene	19.192	202	1265949	28.439	ng/ul	98
82) Pyrene	19.569	202	1369620	28.706	ng/ul	97
83) Butylbenzylphthalate	20.527	149	453047	27.274	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	471285	27.001	ng/ul	97
85) Benzo(a)anthracene	21.480	228	1391160	27.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	630387	26.438	ng/ul	98
87) Chrysene	21.551	228	1319594	27.725	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	1067524	26.539	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	1538160	28.897	ng/ul#	98
91) Benzo(k)fluoranthene	23.786	252	1493201	28.652	ng/ul#	98
93) Benzo(a)pyrene	24.592	252	1354320	27.645	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.439	276	1812046	27.718	ng/ul	97
95) Dibenzo(a,h)anthracene	28.498	278	1463118m	27.638	ng/ul	
96) Benzo(g,h,i)perylene	29.562	276	1396817	27.469	ng/ul#	97

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

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