Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
Data File : BP022154.D
Acq On : 02 Oct 2024 04:03
Operator : RC/JU
Sample : PB163716BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS716

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 04:48:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	91187	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	346345	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	267228	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.098	188	655313	20.000	ng/ul	-0.02
79) Chrysene-d12	21.533	240	749952	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	874095	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	14436	6.201	ng/uL	0.00
4) Pyridine-d5	3.634	84	192350	28.906	ng/ul	0.00
7) Phenol-d5	6.887	99	239338	32.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	140051	30.492	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	186324	34.525	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	190389	32.211	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	86486	33.363	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	105824	36.004	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	221275	34.666	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	230506	30.266	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	642362	31.096	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	720911	32.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	112252	31.769	ng/ul	0.00
60) Fluorene-d10	15.310	176	580304	31.758	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.434	200	122282	30.056	ng/ul	-0.01
73) Anthracene-d10	17.198	188	969724	31.698	ng/ul	-0.02
81) Pyrene-d10	19.575	212	1258740	32.397	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.592	264	1510363	32.852	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	28636	11.355	ng/uL	97
5) Pyridine	3.652	79	189584	28.042	ng/ul	99
6) Benzaldehyde	6.852	77	139214	32.992	ng/ul	99
8) Phenol	6.916	94	244722	31.438	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	182166	30.575	ng/ul	99
12) 2-Chlorophenol	7.275	128	185962	33.238	ng/ul	98
13) 2-Methylphenol	8.140	108	178604	31.636	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	166293	30.087	ng/ul	98
16) Acetophenone	8.510	105	301426	30.658	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	157488	30.898	ng/ul	95
18) 4-Methylphenol	8.463	108	194205	31.544	ng/ul	100
19) Hexachloroethane	8.763	117	82627	31.285	ng/ul	92
22) Nitrobenzene	8.881	77	247481	31.226	ng/ul	100
23) Isophorone	9.405	82	424691	30.936	ng/ul	98
25) 2-Nitrophenol	9.581	139	107351	34.135	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	213765	30.005	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.875	93	244023	30.837	ng/ul	97
29) 2,4-Dichlorophenol	10.116	162	210923	33.260	ng/ul	99
30) Naphthalene	10.504	128	577467	31.687	ng/ul	99
32) 4-Chloroaniline	10.616	127	185542	24.598	ng/ul	96
33) Hexachlorobutadiene	10.793	225	176782	31.398	ng/ul	97
34) Caprolactam	11.393	113	58833	30.583	ng/ul	93
35) 4-Chloro-3-methylphenol	11.746	107	225950	32.934	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	429617	31.722	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	429515	31.447	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.487	216	320344	32.333	ng/ul#	98
40) Hexachlorocyclopentadiene	12.469	237	125146	20.081	ng/ul	93
41) 2,4,6-Trichlorophenol	12.728	196	196884	33.242	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	219206	34.177	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	603484	31.580	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	497750	32.351	ng/ul	99
45) 2-Nitroaniline	13.381	65	146742	32.983	ng/ul	93
47) Dimethylphthalate	13.763	163	642617	30.973	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	131521	33.066	ng/ul	97
50) Acenaphthylene	14.028	152	734429	32.201	ng/ul	99
51) 3-Nitroaniline	14.210	138	118174	32.633	ng/ul	95
52) Acenaphthene	14.369	153	511422	30.861	ng/ul	96
53) 2,4-Dinitrophenol	14.422	184	78707	29.082	ng/ul	96
55) 4-Nitrophenol	14.540	109	127217	31.824	ng/ul	95
56) Dibenzofuran	14.710	168	766022	31.092	ng/ul	100
57) 2,4-Dinitrotoluene	14.675	165	201771	32.918	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.945	232	202949	32.872	ng/ul	98
59) Diethylphthalate	15.140	149	635054	30.928	ng/ul	98
61) Fluorene	15.363	166	627639	30.633	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.363	204	359736	30.496	ng/ul	98
63) 4-Nitroaniline	15.387	138	135360	36.726	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	132923	30.009	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	546867	31.685	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	254035	32.281	ng/ul	97
69) Hexachlorobenzene	16.392	284	317851	33.264	ng/ul	96
70) Atrazine	16.557	200	182467	23.699	ng/ul	98
71) Pentachlorophenol	16.745	266	198591	31.150	ng/ul	99
72) Phenanthrene	17.139	178	1082582	31.508	ng/ul	100
74) Anthracene	17.234	178	1088458	31.130	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	310280	31.553	ng/uL	96
76) Pentachlorobenzene	14.628	250	330191	30.533	ng/uL	98
77) Carbazole	17.516	167	963870	31.278	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1116688	31.431	ng/ul	99
80) Fluoranthene	19.228	202	1454341	32.749	ng/ul	98
82) Pyrene	19.604	202	1523076	31.863	ng/ul	97
83) Butylbenzylphthalate	20.557	149	540009	32.415	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	566818	33.010	ng/ul	98
85) Benzo(a)anthracene	21.516	228	1648277	31.892	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	782085	31.998	ng/ul	99
87) Chrysene	21.580	228	1509990	31.130	ng/ul	99
89) Di-n-octyl phthalate	22.716	149	1334916	30.915	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1752081	32.290	ng/ul	98
91) Benzo(k)fluoranthene	23.845	252	1731114m	32.010	ng/ul	
93) Benzo(a)pyrene	24.663	252	1534088	30.683	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.533	276	2095684m	32.146	ng/ul	
95) Dibenzo(a,h)anthracene	28.598	278	1684396	32.074	ng/ul	97
96) Benzo(g,h,i)perylene	29.680	276	1639980m	32.420	ng/ul	

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

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