Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111624\
Data File : BP023179.D
Acq On : 16 Nov 2024 19:04
Operator : RC/JU
Sample : PB165020BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS020

Quant Time: Nov 17 04:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	63620	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	252613	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	210430	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	542479	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.439	240	645019	20.000	ng/ul	0.00
88) Perylene-d12	24.645	264	771087m	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	8488	6.413	ng/uL	0.00
4) Pyridine-d5	3.546	84	119087	30.284	ng/ul	0.00
7) Phenol-d5	6.781	99	158231	33.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	90166	32.628	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	116135	33.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	127693	32.990	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	59553	33.863	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	71060	33.893	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	152439	34.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	155400	29.667	ng/ul	-0.01
46) Dimethylphthalate-d6	13.593	166	516811	34.076	ng/ul	-0.02
49) Acenaphthylene-d8	13.875	160	548268	34.646	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.457	143	72538	31.826	ng/ul	0.00
60) Fluorene-d10	15.210	176	470780	35.405	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.351	200	107397	33.048	ng/ul	-0.01
73) Anthracene-d10	17.098	188	835343	36.368	ng/ul	-0.02
81) Pyrene-d10	19.486	212	1092053	36.757	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	1323570	36.035	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	16972	11.098	ng/uL	95
5) Pyridine	3.564	79	118622	30.037	ng/ul	97
6) Benzaldehyde	6.752	77	59538	21.996	ng/ul	99
8) Phenol	6.805	94	159556	32.485	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.016	93	115116	31.189	ng/ul	96
12) 2-Chlorophenol	7.152	128	115410	32.269	ng/ul	95
13) 2-Methylphenol	8.028	108	116194	31.692	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.087	45	136092	32.571	ng/ul	94
16) Acetophenone	8.393	105	201478	30.977	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.369	70	104910	32.303	ng/ul	97
18) 4-Methylphenol	8.352	108	128881	31.825	ng/ul	98
19) Hexachloroethane	8.622	117	52890	30.578	ng/ul	98
22) Nitrobenzene	8.757	77	166949	33.084	ng/ul	96
23) Isophorone	9.275	82	294395	32.627	ng/ul	98
25) 2-Nitrophenol	9.463	139	71220	32.183	ng/ul	96
26) 2,4-Dimethylphenol	9.528	107	130500	27.309	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.746	93	164192	33.072	ng/ul	95
29) 2,4-Dichlorophenol	9.999	162	143431	32.980	ng/ul	98
30) Naphthalene	10.369	128	386077	31.459	ng/ul	98
32) 4-Chloroaniline	10.499	127	118949	23.439	ng/ul	99
33) Hexachlorobutadiene	10.646	225	121919	30.982	ng/ul	99
34) Caprolactam	11.293	113	40957	31.662	ng/ul	98
35) 4-Chloro-3-methylphenol	11.646	107	160618	34.330	ng/ul	96
36) 2-Methylnaphthalene	11.987	142	300614	32.446	ng/ul	99

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37) 1-Methylnaphthalene	12.198	142	296509	31.305	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.357	216	226535	31.888	ng/ul	97
40) Hexachlorocyclopentadiene	12.328	237	86576	23.202	ng/ul	98
41) 2,4,6-Trichlorophenol	12.610	196	135769	31.385	ng/ul	96
42) 2,4,5-Trichlorophenol	12.704	196	153338	32.880	ng/ul	100
43) 1,1'-Biphenyl	13.004	154	445627	33.049	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	362400	32.879	ng/ul	100
45) 2-Nitroaniline	13.269	65	113189	36.572	ng/ul	95
47) Dimethylphthalate	13.651	163	496845	33.218	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	101507	34.889	ng/ul	97
50) Acenaphthylene	13.904	152	550313	34.402	ng/ul	99
51) 3-Nitroaniline	14.128	138	87737	35.012	ng/ul	95
52) Acenaphthene	14.251	153	390245	33.603	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	52401	25.383	ng/ul	98
55) 4-Nitrophenol	14.469	109	84445	31.668	ng/ul	90
56) Dibenzofuran	14.592	168	604145	33.670	ng/ul	97
57) 2,4-Dinitrotoluene	14.587	165	167702	36.166	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.845	232	141016	30.934	ng/ul	99
59) Diethylphthalate	15.028	149	505058	34.142	ng/ul	99
61) Fluorene	15.263	166	506852	34.513	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	288155	33.323	ng/ul	99
63) 4-Nitroaniline	15.304	138	90731	38.910	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.363	198	107206	30.882	ng/ul	95
67) N-Nitrosodiphenylamine	15.481	169	436780	34.844	ng/ul	98
68) 4-Bromophenyl-phenylether	16.163	248	207058	33.706	ng/ul	99
69) Hexachlorobenzene	16.292	284	260528	33.689	ng/ul	96
70) Atrazine	16.457	200	79121	13.058	ng/ul	97
71) Pentachlorophenol	16.663	266	127284	26.511	ng/ul	98
72) Phenanthrene	17.045	178	879935	34.355	ng/ul	99
74) Anthracene	17.134	178	882826	34.282	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	233305	32.574	ng/uL	98
76) Pentachlorobenzene	14.522	250	263428	32.211	ng/uL	98
77) Carbazole	17.428	167	785390	34.957	ng/ul	99
78) Di-n-butylphthalate	18.010	149	893061	35.820	ng/ul	100
80) Fluoranthene	19.145	202	1212337	35.420	ng/ul	100
82) Pyrene	19.522	202	1272904	34.618	ng/ul	99
83) Butylbenzylphthalate	20.475	149	440210	36.363	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	479114	33.091	ng/ul	98
85) Benzo(a)anthracene	21.422	228	1363896	34.629	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	604469	35.136	ng/ul	99
87) Chrysene	21.492	228	1240252	33.466	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	1065142	34.049	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1473718	34.337	ng/ul	100
91) Benzo(k)fluoranthene	23.704	252	1450694m	34.336	ng/ul	
93) Benzo(a)pyrene	24.504	252	1320820	34.044	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.286	276	1768939m	32.725	ng/ul	
95) Dibenzo(a,h)anthracene	28.345	278	1442305m	32.863	ng/ul	
96) Benzo(g,h,i)perylene	29.427	276	1357213	33.057	ng/ul	99

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

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