Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031291.D
Acq On : 28 Apr 2024 04:37
Operator : MA/JU
Sample : PB160492BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 28 22:09:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS492

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	186793	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	909538	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	628470	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1392564	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1268673	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1400176	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	29880	7.473	ng/uL	0.00
4) Pyridine-d5	3.540	84	363331	31.555	ng/ul	0.00
7) Phenol-d5	6.799	99	532079	33.767	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	312219	34.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	427971	34.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	440321	33.228	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	223363	34.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	247280	36.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	455665	34.015	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	635708	30.367	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	1455668	33.285	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1655432	33.404	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	305745	33.495	ng/ul	0.00
60) Fluorene-d10	15.263	176	1241047	32.598	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	253249	36.046	ng/ul	0.00
73) Anthracene-d10	17.116	188	1918790	31.790	ng/ul	0.00
81) Pyrene-d10	19.421	212	2301335	36.915	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2235572	33.670	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	45099	10.644	ng/uL	97
5) Pyridine	3.558	79	359894	30.974	ng/ul	98
6) Benzaldehyde	6.769	77	280729	36.284	ng/ul	99
8) Phenol	6.822	94	544462	33.515	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.057	93	417988	32.609	ng/ul	99
12) 2-Chlorophenol	7.187	128	430822	33.783	ng/ul	99
13) 2-Methylphenol	8.063	108	417530	33.165	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	564231	33.763	ng/ul	98
16) Acetophenone	8.446	105	671511	32.706	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	338457	33.072	ng/ul	100
18) 4-Methylphenol	8.393	108	468879	33.249	ng/ul	98
19) Hexachloroethane	8.681	117	168976	31.931	ng/ul	96
22) Nitrobenzene	8.816	77	489640	31.746	ng/ul	100
23) Isophorone	9.340	82	997351	31.686	ng/ul	99
25) 2-Nitrophenol	9.522	139	263491	35.059	ng/ul	94
26) 2,4-Dimethylphenol	9.587	107	402801	26.280	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	602674	31.523	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	447224	33.425	ng/ul	98
30) Naphthalene	10.445	128	1453003	30.825	ng/ul	100
32) 4-Chloroaniline	10.569	127	561134	27.587	ng/ul	99
33) Hexachlorobutadiene	10.722	225	249068	30.536	ng/ul	98
34) Caprolactam	11.357	113	174931m	33.183	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	524703	33.823	ng/ul	96
36) 2-Methylnaphthalene	12.069	142	1039847	31.282	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	1049977	31.216	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.439	216	527049	32.049	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	228044	25.244	ng/ul	94
41) 2,4,6-Trichlorophenol	12.687	196	374992	34.258	ng/ul	94
42) 2,4,5-Trichlorophenol	12.763	196	407517	33.579	ng/ul	98
43) 1,1'-Biphenyl	13.092	154	1370770	31.714	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	1075138	31.128	ng/ul	98
45) 2-Nitroaniline	13.351	65	339421	35.597	ng/ul	99
47) Dimethylphthalate	13.734	163	1435693	31.821	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	300258	35.453	ng/ul	98
50) Acenaphthylene	13.986	152	1762685	30.449	ng/ul	100
51) 3-Nitroaniline	14.186	138	334173	34.370	ng/ul	94
52) Acenaphthene	14.334	153	1148829	29.936	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	169600	35.411	ng/ul	94
55) 4-Nitrophenol	14.504	109	239542	32.336	ng/ul	98
56) Dibenzofuran	14.669	168	1654259	31.178	ng/ul	99
57) 2,4-Dinitrotoluene	14.645	165	450668	35.021	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.898	232	353364	33.691	ng/ul	95
59) Diethylphthalate	15.104	149	1494468	32.209	ng/ul	99
61) Fluorene	15.322	166	1309935	30.000	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.322	204	629278	30.257	ng/ul	97
63) 4-Nitroaniline	15.357	138	361207m	34.457	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	269362	35.705	ng/ul#	96
67) N-Nitrosodiphenylamine	15.539	169	1201719	32.196	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	428178	32.513	ng/ul	91
69) Hexachlorobenzene	16.316	284	486831	32.066	ng/ul	97
70) Atrazine	16.498	200	411543	31.405	ng/ul	95
71) Pentachlorophenol	16.669	266	320810	32.523	ng/ul	99
72) Phenanthrene	17.063	178	2253519	30.595	ng/ul	99
74) Anthracene	17.151	178	2209886	29.647	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	522804	32.007	ng/uL	98
76) Pentachlorobenzene	14.581	250	538490	31.925	ng/uL	98
77) Carbazole	17.427	167	2184536	32.084	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2695767	32.482	ng/ul	99
80) Fluoranthene	19.086	202	2743653	37.185	ng/ul	100
82) Pyrene	19.451	202	2821644	36.397	ng/ul	100
83) Butylbenzylphthalate	20.363	149	1290188	37.717	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	843176	31.896	ng/ul	97
85) Benzo(a)anthracene	21.239	228	2780972	32.280	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1811437	35.269	ng/ul	98
87) Chrysene	21.298	228	2614617	31.973	ng/ul	98
89) Di-n-octyl phthalate	22.262	149	3218241	39.875	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2707663	34.369	ng/ul	97
91) Benzo(k)fluoranthene	23.292	252	2705286	34.142	ng/ul	97
93) Benzo(a)pyrene	24.015	252	2251303	28.645	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.403	276	2759249	28.292	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	2294988	28.670	ng/ul	97
96) Benzo(g,h,i)perylene	28.403	276	2135421	27.190	ng/ul	97

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

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